

# Lincoln Trail Area Occupational Outlook to 2010

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**Education Cabinet**  
Department for Employment Services  
Frankfort, Kentucky 40621

# **LINCOLN TRAIL AREA OCCUPATIONAL OUTLOOK TO 2010**

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## PREFACE

The Labor Market Information in this publication is based on a large array of labor market statistics collected and developed by the staff of the Research and Statistics (R&S) Branch in the Kentucky Department for Employment Services. The Labor Market Information (LMI) Section within R&S developed the projections and this publication.

The Kentucky Occupational Employment Statistics (OES) survey of Kentucky employers provided the occupational employment data used in the study. This is a statewide survey of approximately 20,000 employers, over a three-year period, representing the various industries in Kentucky. The employment data used to project industries to the year 2010 were based on the Current Employment Statistic (CES) and the Employment and Earnings (ES-202) programs. The projected total growth in each Area Development District (ADD) was based on employment data from 1971 through 2000 developed from the Local Area Unemployment Statistics (LAUS) program. Data from all of the above programs were used to develop the occupational outlook to 2010 publications for each Area Development Districts listed below:

ADD 1-Purchase Area	ADD 8&9-Buffalo Trace and Gateway Areas
ADD 2-Pennyriple Area	ADD 10-FIVCO Area
ADD 3-Green River Area	ADD 11-Big Sandy Area
ADD 4-Barren River Area	ADD 12-Kentucky River Area
ADD 5-Lincoln Trail Area	ADD 13-Cumberland Valley Area
ADD 6-Louisville (KIPDA) Area	ADD 14-Lake Cumberland Area
ADD 7-Northern Kentucky Area	ADD 15-Bluegrass Area

The projections and this publication are funded by the U.S. Department of Labor (USDOL), Employment and Training Administration. The national industry and occupational projections developed by the U. S. Department of Labor's Bureau of Labor Statistics were used in the process to project Kentucky's industries and occupations. The Bureau of Labor Statistics and the U.S. Department of Commerce, Bureau of Economic Analysis provided additional statistics necessary in the projection process. The Utah Department of Economic Security developed the personal computer-based model used for the occupational projections. Special thanks go to the Kentucky employers who completed the questionnaires that provided the employment information necessary for this effort.

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## INTRODUCTION

Which jobs will be in demand in the Lincoln Trail Area from now until the year 2010? Which occupations will provide the most job openings each year through 2010? Which occupations are likely to grow the fastest and which are likely to decline from 2000 to 2010? The *Lincoln Trail Area Occupational Outlook to 2010* offers some insight into these often asked questions. Students, job seekers, counselors and others should find this report helpful.

This report contains highlights and a user's guide to occupational statistics that provide answers to frequently asked questions regarding the statistics. Also included are tables of the top 45 Lincoln Trail Area occupations with the most annual job openings and the 44 fastest-growing Lincoln Trail Area occupations. The Lincoln Trail Area Occupational Employment Outlook and Job Openings tables beginning on page 9 provides occupational employment projections for a variety of occupations. This table also presents, for each of these occupations, the number and percentage of expected change in employment and the average number of annual job openings for the period of 2000 to 2010.

While this study provides projections of occupational trends and job openings in the Lincoln Trail Area, it should be stressed that the estimates are subject to the limitations that are a part of any effort to determine future conditions. It is impossible to predict what the Lincoln Trail Area will look like in 2010. The projections of long-term trends into the future, however, should provide valuable insight into the likely magnitude of occupational growth or decline in the area. The projections have been carefully prepared using accepted methods within a framework of national, state and area assumptions. They will be modified in future publications if long-term changes occur in the area's economic outlook or as more current information becomes available.

The estimates in this report reflect only the demand for labor from 2000 through 2010. The supply, or the number of educated or trained workers available to fill future job openings, is beyond the scope of this report.

With a projected tighter labor market resulting from Kentucky's labor force growing more slowly than employment, along with the structural and technological changes that are taking place in all industries, the development and utilization of our human resources have become a top priority for all those concerned with employment training. Education and training programs that can meet the needs of employers today and in the future will take on even greater importance. To meet this challenge, it is crucial that education and training planners, business, labor, government and job seekers have the necessary occupational information to assist them in making informed, intelligent decisions in the development of these education and training programs as well as individual career choice. This publication was designed to assist users in these tasks.

**NOTE:** These 2000-2010 projections use the new Standard Occupational Classification (SOC) system, while prior versions of projections used the Occupational Employment Statistics (OES) codes for classifying occupations. Because of this change, the titles and content of major occupational groups and many detailed occupations are substantially different. Several major groups have been renamed, combined, or reorganized. Some individual occupations also have been renamed or classified within different major groups. Some occupations are no longer listed, while newer occupations are listed for the first time with the SOC system. Because of these changes, the 2000-2010 projections are not comparable with earlier sets of projections. Information of the SOC system can be obtained at the U.S. Bureau of Labor Statistics SOC Home Page at <http://www.bls.gov/soc/home.htm>.

## HIGHLIGHTS

- ✓ Lincoln Trail Area employment is expected to grow from 93,213 to 112,993 between 2000 and 2010, a gain of 21.2 percent.
- ✓ Between 2000 and 2010, the total annual job openings are expected to be about 4,111.
- ✓ Growth in employment will make available about 1,978 job openings annually.
- ✓ Approximately 2,133 job openings will result from separations from the labor force due to retirement or those who transfer to other jobs.
- ✓ Approximately 48 percent of job openings will result from growth, and the remaining 52 percent will result from separations from the labor force.
- ✓ The greatest number of job openings will be in the Sales and Related Occupations (553), followed by the Production Occupations (527), and the Office and Administrative Support Occupations (455).
- ✓ Particular Occupations with the largest percentage of change from 2000 to 2010 in the Lincoln Trail Area are Social and Human Service Assistants (95.9%), Computer Support Specialists (78.1%), Computer Controlled Machine Tool Operators (67.7%) and Sheet Metal Workers (67.3%).
- ✓ The largest growth rates between 2000 and 2010 are expected to be in the Community and Social Service Occupations (45.8%), the Healthcare Support Occupations (36.7%), and the Computer and Mathematical Occupations (36.0%).
- ✓ The top two Lincoln Trail Area occupations with the most annual job openings are Cashiers (223) and Child Care Workers (171).

## A USER'S GUIDE TO OCCUPATIONAL OUTLOOK STATISTICS

***When looking at an occupation, what key outlook data should you review?***

- 1) Total average annual job openings and
- 2) Employment change expressed as a percentage

The total number of job openings estimates the likely annual demand for workers in each occupation. The percentage of employment change shows how much each occupation is likely to grow or decline.

***What creates job openings?***

- 1) Employment growth (new jobs)
- 2) Employment separations (job vacancies created by persons separating from an occupation)

***What causes employment change?***

*Industrial growth or decline* has the greatest influence on employment change. Industrial growth occurs when the demand for goods and services rises and, in turn, the demand for workers to produce those goods and services rises.

*Technological change* can raise the demand for some skills while eliminating the need for others. As this shift is going on, demand in the industry as a whole may be rising or falling.

*New ways of doing business* such as self-service, out-sourcing, or 24-hour operations can affect employment change.

***Then what about employment separations?***

Employment separations are still important when evaluating an occupation's potential outlook. Job openings are created by persons separating from an occupation because of retirements, promotions into different occupations, career changes, or deaths. In many instances, the number of employment separations exceeds new jobs.

***Do workers tend to leave one occupation more than another?***

Every occupation has a different rate of employment separations. Those occupations that require much education and training and/or have a high percentage of full-time workers tend to have low separation rates. But occupations that require little education and/or training tend to have higher separation rates.

***What factors affect the number of job openings for an occupation?***

- 1) The overall size of the occupation: How many workers are employed already?
- 2) The occupation's separation rate: How many job vacancies are created from workers separating from the occupation?
- 3) The occupation's rate of change: How fast is it growing or declining?

***Which factor is more important?***

Size of employment and separation rate are more important than rate of change in affecting the number of job openings.

***What is the best way to compare one occupation with another?***

- 1) Look at the total average annual job openings, not just openings resulting from growth. A large number of openings means it should be relatively easy to find a job in that occupation.
- 2) Look at the employment change expressed as a percentage. A high percentage increase in employment means that there may be excellent chances for advancement and for earnings increases because demand is likely to remain strong for some time.

**Top 45**  
**Lincoln Trail Area Occupations With The Most Annual Job Openings**

		<u>Job Openings</u>		
		<u>Average Annual</u>		
		<u>2000-2010</u>		
<u>Occupation</u>	<u>Occupational Title</u>	<u>Growth</u>	<u>Separations</u>	<u>Total</u>
<u>Code</u>				
<b><u>Management Occupations</u></b>				
11-1021	General and Operations Managers	52	34	<b>86</b>
<b><u>Community &amp; Social Services Occupations</u></b>				
21-1093	Social and Human Service Assistants	26	4	<b>30</b>
<b><u>Education, Training and Library Occupations</u></b>				
25-9041	Teacher Assistants	28	26	<b>54</b>
25-2011	Preschool Teachers, Except Special Education	27	7	<b>34</b>
25-2021	Elementary School Teachers, Ex. Special Ed.	11	22	<b>33</b>
25-2031	Sec. School Teachers, Ex. Special & Voc. Ed.	10	19	<b>29</b>
<b><u>Healthcare Practitioners and Technical</u></b>				
<b><u>Occupations</u></b>				
29-1111	Registered Nurses	41	26	<b>67</b>
<b><u>Healthcare Support Occupations</u></b>				
31-1012	Nursing Aides, Orderlies, and Attendants	31	12	<b>43</b>
<b><u>Protective Service Occupations</u></b>				
33-3051	Police and Sheriff's Patrol Officers	15	9	<b>24</b>
<b><u>Food Preparation and Serving Workers</u></b>				
35-2011	Cooks, Fast Food	27	61	<b>88</b>
35-3021	Combined Food Prep. & Serving Workers	31	37	<b>68</b>
35-3031	Waiters and Waitresses	10	24	<b>34</b>
35-1012	Supervisors of Food Preparation and Serving	16	17	<b>33</b>
35-2015	Cooks, Short Order	14	14	<b>28</b>
35-2012	Cooks, Institution and Cafeteria	0	21	<b>21</b>
<b><u>Building and Grounds, Cleaning and Maintenance</u></b>				
<b><u>Occupations</u></b>				
37-2011	Janitors, Cleaners, Ex. Maids and Housekeeping	23	21	<b>44</b>
37-2012	Maids and Housekeeping Cleaners	17	25	<b>42</b>
37-3011	Landscaping and Groundskeeping Workers	23	13	<b>36</b>
<b><u>Personal Care and Service Occupations</u></b>				
39-9011	Child Care Workers	77	94	<b>171</b>
39-3091	Amusement and Recreation Attendants	13	16	<b>29</b>



**Top 45**  
**Lincoln Trail Area Occupations With The Most Annual Job Openings (cont'd)**

<b>Occupation Code</b>	<b>Occupational Title</b>	<b>Job Openings</b>		
		<b>Average Annual 2000-2010</b>		
		<b>Growth</b>	<b>Separations</b>	<b>Total</b>
<b><u>Sales and Related Occupations</u></b>				
41-2011	Cashiers	103	130	<b>233</b>
41-2031	Retail Salespersons	60	98	<b>158</b>
41-1011	Supervisors/Managers of Retail Sales Workers	22	14	<b>36</b>
41-4012	Sales Reps, Wholesale & Manuf, Ex. Technical	19	15	<b>34</b>
<b><u>Office and Administrative Support Occupations</u></b>				
43-5081	Stock Clerks and Order Fillers	35	43	<b>78</b>
43-9061	Office Clerks, General	28	21	<b>49</b>
43-6014	Secretaries, Except Legal, Medical, and Executive	11	27	<b>38</b>
43-4171	Receptionists and Information Clerks	18	13	<b>31</b>
43-3031	Bookkeeping, Accounting, and Auditing Clerks	9	18	<b>27</b>
43-4051	Customer Service Representatives	22	5	<b>27</b>
<b><u>Construction and Extraction Occupations</u></b>				
47-2061	Construction Laborers	45	11	<b>56</b>
47-2031	Carpenters	31	14	<b>45</b>
47-2152	Plumbers, Pipefitters, and Steamfitters	20	7	<b>27</b>
47-1011	Supervisors/Managers of Construction Trades	14	10	<b>24</b>
<b><u>Installation, Maintenance and Repair Occupations</u></b>				
49-9042	Maintenance and Repair Workers, General	13	11	<b>24</b>
<b><u>Production Occupations</u></b>				
51-2092	Team Assemblers	108	53	<b>161</b>
51-4121	Welders, Cutters, Solderers, and Brazers	30	17	<b>47</b>
51-1011	Supervisors of Production and Operating	12	22	<b>34</b>
51-4081	Multiple Machine Tool Setter, Operator & Tender	22	7	<b>29</b>
51-9111	Packaging, Filling Machine Operators & Tenders	15	9	<b>24</b>
<b><u>Transportation and Material Moving Occupations</u></b>				
53-7062	Laborers, Freight, Stock & Material Movers, Hand	48	48	<b>96</b>
53-7064	Packers and Packagers, Hand	28	18	<b>46</b>
53-3032	Truck Drivers, Heavy and Tractor-Trailer	30	14	<b>44</b>
53-7051	Industrial Truck and Tractor Operators	18	10	<b>28</b>
53-3033	Truck Drivers, Light or Delivery Services	16	8	<b>24</b>

**Top 45  
Fast-Growing Lincoln Trail Area Occupations**

Occupation Code	Occupational Title	Fast Growing Occupations				Total
		Employment		Change		Job Openings
		Actual 2000	Projected 2010	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010
<u>Management Occupations</u>						
11-2022	Sales Managers	98	162	64	65.3	7
11-9031	Education Admin, Preschool & Child Care	62	88	26	41.9	5
11-9021	Construction Managers	151	210	59	39.1	9
<u>Business and Financial Operations Occupations</u>						
13-1051	Cost Estimators	49	69	20	40.8	3
<u>Computer and Mathematical Occupations</u>						
15-1041	Computer Support Specialists	128	228	100	78.1	11
<u>Architecture &amp; Engineering Occupations</u>						
17-2141	Mechanical Engineers	123	181	58	47.2	10
17-3013	Mechanical Drafters	41	57	16	39.0	3
<u>Community &amp; Social Services Occupations</u>						
21-1093	Social and Human Service Assistants	267	523	256	95.9	30
21-1022	Medical and Public Health Social Workers	39	62	23	59.0	2
<u>Legal Occupations</u>						
23-1011	Lawyers	162	230	68	42.0	8
<u>Education, Training and Library Occupations</u>						
25-2011	Preschool Teachers, Except Special Ed	521	790	269	51.6	34
25-1194	Vocational Education Teachers, Postsec	225	330	105	46.7	17
<u>Healthcare Practitioners and Technical Occupations</u>						
29-2052	Pharmacy Technicians	127	197	70	55.1	10
29-2041	Emergency Medical Technician & Paramedic	118	173	55	46.6	9
29-1126	Respiratory Therapists	42	61	19	45.2	3
29-1051	Pharmacists	180	257	77	42.8	13
29-2071	Medical Records & Health Info. Technicians	58	82	24	41.4	3
<u>Healthcare Support Occupations</u>						
31-9091	Dental Assistants	175	291	116	66.3	15
31-9092	Medical Assistants	53	84	31	58.5	4
31-1011	Home Health Aides	114	170	56	49.1	8
31-2021	Physical Therapist Assistants	90	133	43	47.8	7
31-9095	Pharmacy Aides	38	53	15	39.5	3
<u>Protective Service Occupations</u>						
33-3012	Correctional Officers and Jailers	216	344	128	59.3	18

**Top 45**  
**Fast-Growing Lincoln Trail Area Occupations (cont'd)**

Occupation Code	Occupational Title	Fast Growing Occupations				Total
		Employment		Change		Job Openings
		Actual 2000	Projected 2010	2000-2010 Number	Percent	Average Annual 2000-2010
<b><u>Food Preparation and Serving Workers</u></b>						
35-3021	Combined Food Prep. & Serving Workers	605	914	309	<b>51.1</b>	68
35-3022	Counter Attend, Cafeteria, Food Concession	81	113	32	<b>39.5</b>	9
<b><u>Building and Grounds, Cleaning and Maintenance Occupations</u></b>						
37-3011	Landscaping and Groundskeeping Workers	507	735	228	<b>45.0</b>	36
<b><u>Sales and Related Occupations</u></b>						
41-1012	Supervisors of Non-Retail Sales Workers	138	196	58	<b>42.0</b>	8
<b><u>Office and Administrative Support Occupations</u></b>						
43-4081	Hotel, Motel, and Resort Desk Clerks	202	293	91	<b>45.0</b>	18
<b><u>Construction and Extraction Occupations</u></b>						
47-2211	Sheet Metal Workers	101	169	68	<b>67.3</b>	9
47-3015	Helpers--Pipelayer, Fitter, Plumber, Steamfit	152	224	72	<b>47.4</b>	15
47-2152	Plumbers, Pipefitters, and Steamfitters	447	651	204	<b>45.6</b>	27
47-2171	Reinforcing Iron and Rebar Workers	104	150	46	<b>44.2</b>	6
<b><u>Installation, Maintenance and Repair Occupations</u></b>						
49-9044	Millwrights	35	56	21	<b>60.0</b>	3
49-9021	Heating, Air Cond. & Refrigeration Mech	56	84	28	<b>50.0</b>	4
<b><u>Production Occupations</u></b>						
51-4011	Computer-Controlled Machine Tool Operators	31	52	21	<b>67.7</b>	3
51-2041	Structural Metal Fabricators and Fitters	33	54	21	<b>63.6</b>	3
51-4122	Welding, Soldering & Brazing Machine Setter	47	73	26	<b>55.3</b>	4
51-4121	Welders, Cutters, Solderers, and Brazers	588	889	301	<b>51.2</b>	47
51-9121	Coating, Painting & Spraying Machine Setter	83	122	39	<b>47.0</b>	6
51-4081	Multiple Mach Tool Setter, Operator & Tender	471	687	216	<b>45.9</b>	29
51-4041	Machinists	291	411	120	<b>41.2</b>	18
51-3011	Bakers	45	63	18	<b>40.0</b>	3
<b><u>Transportation and Material Moving Occupations</u></b>						
53-6031	Service Station Attendants	31	46	15	<b>48.4</b>	4
53-7061	Cleaners of Vehicles and Equipment	264	370	106	<b>40.2</b>	21
53-7064	Packers and Packagers, Hand	722	1,004	282	<b>39.1</b>	46

## Explanation of Data Elements on the Occupational Outlook Table

### *Occupational Employment Outlook and Job Openings*

Occupational		Employment 2000      2010		Job Growth 2000      2010		Average Annual Job Openings			Average Wage	Education/ Training Required *
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2001	
<p>• <b>Occupational Codes and Titles</b> used in this report are based on the <i>Standard Occupational Coding (SOC)</i> Structure.</p> <p><b>NOTE:</b></p> <p><i>Alphabetical listing beginning on page 34 should help locate a specific occupation within the tables.</i></p>		<p>• <b>Estimated</b> 2000 employment is based on the <i>Occupational Employment Statistics (OES)</i> Survey of employers.</p> <p>• <b>Projected</b> 2010 levels of occupational employment are based on projections of industry employment and projections of occupational change factors between 2000 and 2010.</p> <p><b>NOTE:</b></p> <p><i>The Occupational employment estimates for 2000 to 2010 include all classes of workers such as public and private, wage and salaried workers; agricultural workers; private household workers; and self-employed.</i></p>		<p>• <b>Number</b> - The total number of jobs in an occupation gained or lost over the 2000 to 2010 period.</p> <p>• <b>Percent</b> - Percent change in employment in an occupation over the ten year period.</p> <p><b>NOTE:</b></p> <p><i>In Kentucky, 16.0 percent job growth between 2000 and 2010 is the average growth for all occupations.</i></p> <p><i>An occupation is expected to experience:</i></p> <ol style="list-style-type: none"> <li>1) <i>average growth if percent change is between 12 to 18%;</i></li> <li>2) <i>very fast growth if &gt; 30%;</i></li> <li>3) <i>fast growth if &gt;18% &lt; 30%;</i></li> <li>4) <i>slow growth if &gt;5% &lt;12%;</i></li> <li>5) <i>very slow growth if &gt;0% &lt;5%;</i></li> <li>6) <i>negative or declining growth &lt;0%.</i></li> </ol>		<p>• <b>Growth</b> openings provide estimates of the average number of job openings expected to occur each year between 2000 and 2010 that result from employment growth.</p> <p>• <b>Separation</b> openings provide estimates of the average number of job openings expected to occur each year in an occupation, resulting from workers separating or leaving the occupation for such reasons as retirement, promotion, or simply transferring among occupations. Such separations would require replacement workers.</p> <p>• <b>Total</b> openings provide estimates of the total number of job openings expected each year from employment growth or job separations.</p> <p><b>NOTE:</b></p> <p><i>If employment growth is negative, the total number of job openings will equal the number of separations. They are equal because the number of separations already takes into account the negative employment growth.</i></p>			<p>• <b>Average wage</b> in this report always refers to the 2001 mean average hourly wage.</p> <p><b>NOTE</b></p> <p><i>Average hourly wages for each of the teacher occupations in this report were calculated from the average annual wage by assuming the average working months per year was 9.5 and average hours worked per week was 40.</i></p>	<p>• <b>Education and Training Levels Usually Required</b> were developed by the Bureau of Labor Statistics and grouped into eleven levels (1-11).</p> <p><b>*NOTE</b></p> <p><i>The various levels are described in detail on page 33 of this report.</i></p>

# Lincoln Trail Area

## Management Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010				
						Growth	Separations	Total		
00-0000 Total, All Occupations		93,213	112,993	19,780	21.2	1,978	2,133	4,111	n/a	n/a
11-0000 Management Occupations		10,957	11,812	855	7.8	86	156	242	n/a	n/a
11-1000	Top Executives	2,225	2,789	564	25.3	56	41	97	n/a	n/a
11-1011	Chief Executives	228	268	40	17.5	4	7	11	43.46	4
11-1021	General and Operations Managers	1,997	2,521	524	26.2	52	34	86	27.14	4
11-2000	Adv, Marketing, Promotions, PR & Sales	188	271	83	44.1	8	3	11	n/a	n/a
11-2011	Advertising and Promotions Managers	*	*	*	*	*	*	*	19.79	4
11-2020	Marketing and Sales Managers	146	219	73	50.0	7	2	9	n/a	n/a
11-2022	Sales Managers	98	162	64	65.3	6	1	7	24.59	4
11-2031	Public Relations Managers	*	*	*	*	*	*	*	31.81	4
11-3000	Operations Specialties Managers	965	1,209	244	25.3	24	17	41	n/a	n/a
11-3011	Administrative Services Managers	59	72	13	22.0	1	1	2	24.13	4
11-3031	Financial Managers	412	542	130	31.6	13	6	19	23.84	4
11-3040	Human Resources Managers	127	142	15	11.8	2	2	4	25.66	4
11-3051	Industrial Production Managers	178	236	58	32.6	6	3	9	27.10	5
11-3061	Purchasing Managers	85	87	2	2.4	0	3	3	25.41	4
11-3071	Transportation, Storage & Distribution Managers	58	68	10	17.2	1	1	2	22.31	8
11-9000	Other Management Occupations	7,579	7,543	-36	-0.5	0	96	96	n/a	n/a
11-9010	Agricultural Managers	3,229	2,647	-582	-18.0	0	19	19	n/a	n/a
11-9012	Farmers and Ranchers	3,208	2,626	-582	-18.1	0	18	18	n/a	9
11-9021	Construction Managers	151	210	59	39.1	6	3	9	22.63	5
11-9030	Education Administrators	235	280	45	19.1	5	6	11	n/a	4
11-9031	Education Admin, Preschool & Child Care Center	62	88	26	41.9	3	2	5	13.68	4
11-9032	Education Admin, Elem & Secondary School	151	167	16	10.6	2	4	6	n/a	4
11-9033	Education Administrators, Postsecondary	*	*	*	*	*	*	*	28.14	4
11-9041	Engineering Managers	97	99	2	2.1	0	2	2	37.81	4
11-9051	Food Service Managers	261	357	96	36.8	10	3	13	14.50	8
11-9081	Lodging Managers	*	*	*	*	*	*	*	17.75	8
11-9111	Medical and Health Services Managers	92	116	24	26.1	2	2	4	27.22	4
11-9131	Postmasters and Mail Superintendents	85	71	-14	-16.5	0	2	2	21.53	8
11-9141	Property, Real Estate & Community Assn Manag.	*	*	*	*	*	*	*	21.93	5
11-9199	Managers, All Other	3,269	3,534	265	8.1	27	58	85	27.88	8

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Lincoln Trail Area

## Business & Financial Operations Occs

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training/ Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010				
						Growth	Separations	Total		
13-0000	Business and Financial Operations Occupations	1,564	1,791	227	14.5	23	31	54	n/a	n/a
13-1000	Business Operations Specialists	886	1,025	139	15.7	14	19	33	n/a	n/a
13-1020	Buyers and Purchasing Agents	209	243	34	16.3	3	4	7	n/a	n/a
13-1022	Wholesale & Retail Buyers, Ex Farm Products	*	*	*	*	*	*	*	19.58	5
13-1023	Purchasing Agents, Ex Wholesale, Retail	166	194	28	16.9	3	3	6	18.20	5
13-1051	Cost Estimators	49	69	20	40.8	2	1	3	18.88	5
13-2000	Financial Specialists	678	766	88	13.0	9	12	21	n/a	n/a
13-2072	Loan Officers	118	120	2	1.7	0	2	2	20.13	5

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Lincoln Trail Area

## Computer & Mathematical Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010				
						Growth	Separations	Total		
15-0000	Computer and Mathematical Occupations	745	1,013	268	36.0	27	8	35	n/a	n/a
15-1000	Computer Specialists	715	991	276	38.6	28	7	35	n/a	n/a
15-1021	Computer Programmers	179	191	12	6.7	1	4	5	27.61	5
15-1030	Computer Software Engineers	65	114	49	75.4	5	1	6	n/a	n/a
15-1041	Computer Support Specialists	128	228	100	78.1	10	1	11	15.74	6
15-2000	Mathematical Scientists	*	*	*	*	*	*	*	n/a	n/a

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Lincoln Trail Area

## Architecture & Engineering Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2010-2000 Percent	Average Annual 2000-2010				
						Growth	Separations	Total		
17-0000	Architecture and Engineering Occupations	841	1,024	183	21.8	18	18	36	n/a	n/a
17-1000	Architects, Surveyors, and Cartographers	*	*	*	*	*	*	*	n/a	n/a
17-1020	Surveyors, Cartographers & Photogrammetrists	*	*	*	*	*	*	*	n/a	n/a
17-2000	Engineers	430	570	140	32.6	14	9	23	n/a	n/a
17-2110	Industrial Engineers, Including Health and Safety	145	183	38	26.2	4	2	6	n/a	n/a
17-2111	Health & Safety Engineers, Ex. Mining Safety	*	*	*	*	*	*	*	22.48	5
17-2112	Industrial Engineers	136	171	35	25.7	4	2	6	23.60	5
17-2131	Materials Engineers	*	*	*	*	*	*	*	27.26	5
17-2141	Mechanical Engineers	123	181	58	47.2	6	4	10	25.33	5
17-3000	Drafters, Engineering, and Mapping Technicians	387	419	32	8.3	3	9	12	n/a	n/a
17-3010	Drafters	50	70	20	40.0	2	2	4	n/a	n/a
17-3013	Mechanical Drafters	41	57	16	39.0	2	1	3	17.53	7
17-3020	Engineering Technicians, Except Drafters	304	319	15	4.9	2	6	8	n/a	n/a
17-3023	Electrical & Electronic Engineering Technicians	48	47	-1	-2.1	0	1	1	22.48	6
17-3024	Electro-Mechanical Technicians	77	69	-8	-10.4	0	2	2	19.49	6
17-3026	Industrial Engineering Technicians	45	53	8	17.8	1	1	2	18.47	6
17-3027	Mechanical Engineering Technicians	49	63	14	28.6	1	1	2	18.41	6
17-3099	Drafters, Engineering & Mapping Tech, All Other	*	*	*	*	*	*	*	22.15	6

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch



# Lincoln Trail Area

## Life, Physical & Social Science Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage	Educ/ Training
Code	Title	2000	2010	2000-2010		Average Annual 2000-2010				
		Estimated	Projected	Number	Percent	Growth	Separations	Total	2001	Req'd~
19-0000	Life, Physical, and Social Science Occupations	371	447	76	20.5	8	10	18	n/a	n/a
19-1000	Life Scientists	42	45	3	7.1	0	1	1	n/a	n/a
19-1020	Biological Scientists	*	*	*	*	*	*	*	n/a	n/a
19-1031	Conservation Scientists	*	*	*	*	*	*	*	23.65	5
19-2000	Physical Scientists	*	*	*	*	*	*	*	n/a	n/a
19-2099	Physical Scientists, All Other	*	*	*	*	*	*	*	38.39	5
19-3000	Social Scientists and Related Workers	167	199	32	19.2	3	4	7	n/a	n/a
19-3031	Clinical, Counseling, and School Psychologists	103	126	23	22.3	2	2	4	20.70	3
19-3051	Urban and Regional Planners	*	*	*	*	*	*	*	19.74	3
19-3090	Misc Social Scientists and Related Workers	54	60	6	11.1	1	1	2	n/a	n/a
19-4000	Life, Physical, and Social Science Technicians	133	174	41	30.8	4	4	8	n/a	n/a
19-4011	Agricultural and Food Science Technicians	*	*	*	*	*	*	*	n/a	6
19-4031	Chemical Technicians	82	111	29	35.4	3	2	5	19.15	6
19-4090	Misc Life, Physical & Social Science Technicians	48	60	12	25.0	1	2	3	n/a	n/a

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Lincoln Trail Area

## Community & Social Service Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010				
						Growth	Separations	Total		
21-0000	Community and Social Services Occupations	1,579	2,302	723	45.8	72	30	102	n/a	n/a
21-1000	Counselors, Social Workers & Other Community	1,063	1,625	562	52.9	56	17	73	n/a	n/a
21-1010	Counselors	380	580	200	52.6	20	8	28	n/a	n/a
21-1012	Educational, Vocational, and School Counselors	161	213	52	32.3	5	3	8	22.77	3
21-1015	Rehabilitation Counselors	62	83	21	33.9	2	1	3	15.00	3
21-1020	Social Workers	396	496	100	25.3	10	4	14	n/a	n/a
21-1022	Medical and Public Health Social Workers	39	62	23	59.0	2	0	2	16.40	5
21-1023	Mental Health & Substance Abuse Social Worker	37	47	10	27.0	1	0	1	22.35	n/a
21-1090	Misc Community and Social Service Specialists	287	549	262	91.3	26	4	30	n/a	n/a
21-1093	Social and Human Service Assistants	267	523	256	95.9	26	4	30	9.87	10
21-2000	Religious Workers	486	639	153	31.5	15	13	28	n/a	n/a
21-2011	Clergy	*	*	*	*	*	*	*	15.30	3
21-9000	Misc. Counselors, Social, & Religious Workers	*	*	*	*	*	*	*	n/a	n/a
21-9099	Counselors, Social & Religious Worker, All Other	*	*	*	*	*	*	*	15.56	5

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Lincoln Trail Area

## Legal Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010				
						Growth	Separations	Total		
23-0000	Legal Occupations	234	297	63	26.9	6	2	8	n/a	n/a
23-1000	Lawyers, Judges, and Related Workers	175	242	67	38.3	7	2	9	n/a	n/a
23-1011	Lawyers	162	230	68	42.0	7	1	8	n/a	1
23-2000	Legal Support Workers	36	33	-3	-8.3	0	0	0	n/a	n/a
23-2090	Miscellaneous Legal Support Workers	*	*	*	*	*	*	*	n/a	n/a
23-2092	Law Clerks	*	*	*	*	*	*	*	12.41	5
23-2093	Title Examiners, Abstractors, and Searchers	*	*	*	*	*	*	*	12.10	10
23-9000	Miscellaneous Legal & Related Workers	*	*	*	*	*	*	*	n/a	n/a

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Lincoln Trail Area

## Education, Training & Library Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2010-2000 Percent	Average Annual 2000-2010				
						Growth	Separations	Total		
25-0000 Education, Training, and Library Occupations		6,246	7,402	1,156	18.5	116	125	241	n/a	n/a
25-1000	Postsecondary Teachers	604	776	172	28.5	17	16	33	n/a	n/a
25-1020	Math and Computer Teachers, Postsecondary	55	67	12	21.8	1	1	2	n/a	n/a
25-1030	Engineering & Architecture Teachers, Postsec	*	*	*	*	*	*	*	n/a	n/a
25-1190	Miscellaneous Postsecondary Teachers	359	488	129	35.9	13	10	23	n/a	n/a
25-1194	Vocational Education Teachers, Postsecondary	225	330	105	46.7	11	6	17	19.71	8
25-2000	Primary, Secondary & Special Ed. Teachers	3,083	3,707	624	20.2	62	66	128	n/a	n/a
25-2010	Preschool and Kindergarten Teachers	539	810	271	50.3	27	7	34	n/a	n/a
25-2011	Preschool Teachers, Except Special Education	521	790	269	51.6	27	7	34	7.99	5
25-2020	Elementary and Middle School Teachers	1,484	1,628	144	9.7	14	34	48	n/a	n/a
25-2021	Elementary School Teachers, Ex. Special Ed. #	977	1,083	106	10.8	11	22	33	24.90	5
25-2022	Middle School Teachers, Ex Special & Voc. Ed. #	497	534	37	7.4	4	11	15	25.88	5
25-2030	Secondary School Teachers	685	793	108	15.8	11	21	32	n/a	n/a
25-2031	Sec. School Teachers, Ex. Special & Voc. Ed. #	627	729	102	16.3	10	19	29	25.19	5
25-2040	Special Education Teachers	375	476	101	26.9	10	5	15	n/a	n/a
25-2041	Special Ed. Teachers, Preschool to Elementary #	169	225	56	33.1	6	2	8	23.30	5
25-2042	Special Education Teachers, Middle School #	101	123	22	21.8	2	1	3	23.52	5
25-2043	Special Education Teachers, Secondary School #	105	128	23	21.9	2	1	3	25.79	5
25-3000	Other Teachers and Instructors	877	970	93	10.6	9	9	18	n/a	n/a
25-3021	Self-Enrichment Education Teachers	*	*	*	*	*	*	*	15.57	8
25-3999	Teachers, Primary, Secondary & Adult, All Other #	852	934	82	9.6	8	9	17	15.75	5
25-4000	Librarians, Curators, and Archivists	124	126	2	1.6	0	3	3	n/a	n/a
25-4021	Librarians	91	92	1	1.1	0	2	2	20.53	3
25-4031	Library Technicians	*	*	*	*	*	*	*	11.43	11
25-9000	Other Education, Training & Library Occupations	1,558	1,823	265	17.0	27	31	58	n/a	n/a
25-9041	Teacher Assistants #	1,248	1,528	280	22.4	28	26	54	11.20	11
25-9199	Library, Museum, Train. & Other Ed., All Other	214	187	-27	-12.6	0	3	3	18.42	5

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Average hourly wages for teacher occupations were calculated by assuming the average working months per year was 9.5 and hours worked per week was 40.

# Lincoln Trail Area

## Arts, Design, Entertainment, Sports & Media Occs

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number Percent		Average Annual 2000-2010 Growth Separations Total				
27-0000	Arts, Design, Entertain., Sports & Media Occs	476	531	55	11.6	6	9	15	n/a	n/a
27-1000	Art and Design Workers	145	163	18	12.4	2	2	4	n/a	n/a
27-1010	Artists and Related Workers	*	*	*	*	*	*	*	n/a	n/a
27-1011	Art Directors	*	*	*	*	*	*	*	24.05	4
27-1020	Designers	117	137	20	17.1	2	1	3	n/a	n/a
27-1023	Floral Designers	*	*	*	*	*	*	*	9.03	10
27-1024	Graphic Designers	69	78	9	13.0	1	1	2	11.31	5
27-1027	Set and Exhibit Designers	*	*	*	*	*	*	*	24.05	5
27-2000	Entertainers, Perform, Sports & Related Worker	57	62	5	8.8	1	1	2	n/a	n/a
27-3000	Media and Communication Workers	221	252	31	14.0	3	5	8	n/a	n/a
27-3010	Announcers	56	46	-10	-17.9	0	1	1	9.06	9
27-3040	Writers and Editors	71	72	1	1.4	0	2	2	n/a	n/a
27-3041	Editors	45	50	5	11.1	1	1	2	14.14	5
27-3042	Technical Writers	*	*	*	*	*	*	*	21.03	5
27-3043	Writers and Authors	*	*	*	*	*	*	*	21.56	5
27-4000	Media and Communication Equipment Workers	53	54	1	1.9	0	1	1	n/a	n/a
27-4010	Broadcast, Sound Engineer. Tech & Radio Ops	*	*	*	*	*	*	*	n/a	n/a
27-4021	Photographers	*	*	*	*	*	*	*	11.76	9
27-4030	TV, Video & Motion Picture Camera Operators	*	*	*	*	*	*	*	n/a	n/a

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Lincoln Trail Area

## Healthcare Practitioners & Technical Occs.

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010				
						Growth	Separations	Total		
29-0000	Healthcare Practitioners & Technical Occs	3,760	4,962	1,202	32.0	120	80	200	n/a	n/a
29-1000	Health Diagnosing and Treating Practitioners	2,491	3,344	853	34.2	85	49	134	n/a	n/a
29-1020	Dentists	42	62	20	47.6	2	1	3	65.68	1
29-1051	Pharmacists	180	257	77	42.8	8	5	13	39.60	1
29-1060	Physicians and Surgeons	712	971	259	36.4	26	11	37	n/a	1
29-1062	Family and General Practitioners	48	56	8	16.7	1	1	2	52.28	1
29-1063	Internists, General	*	*	*	*	*	*	*	56.83	1
29-1081	Podiatrists	*	*	*	*	*	*	*	38.39	n/a
29-1111	Registered Nurses	1,280	1,694	414	32.3	41	26	67	21.00	6
29-1120	Therapists	204	278	74	36.3	7	5	12	n/a	n/a
29-1121	Audiologists	*	*	*	*	*	*	*	19.69	3
29-1122	Occupational Therapists	*	*	*	*	*	*	*	24.95	5
29-1123	Physical Therapists	64	87	23	35.9	2	2	4	28.52	3
29-1126	Respiratory Therapists	42	61	19	45.2	2	1	3	16.19	6
29-1127	Speech-Language Pathologists	49	67	18	36.7	2	1	3	24.62	3
29-1131	Veterinarians	37	43	6	16.2	1	1	2	25.69	1
29-2000	Health Technologists and Technicians	1,220	1,551	331	27.1	33	30	63	n/a	n/a
29-2010	Clinical Laboratory Technologists & Technicians	162	186	24	14.8	2	4	6	n/a	n/a
29-2011	Medical and Clinical Laboratory Technologists	55	56	1	1.8	0	1	1	17.84	5
29-2012	Medical and Clinical Laboratory Technicians	107	130	23	21.5	2	3	5	12.27	6
29-2030	Diagnostic Related Technologists & Technicians	122	136	14	11.5	1	3	4	n/a	n/a
29-2031	Cardiovascular Technologists and Technicians	*	*	*	*	*	*	*	12.58	6
29-2033	Nuclear Medicine Technologists	*	*	*	*	*	*	*	18.98	6
29-2034	Radiologic Technologists and Technicians	99	107	8	8.1	1	2	3	17.19	6
29-2041	Emergency Medical Technicians & Paramedics	118	173	55	46.6	6	3	9	10.00	7
29-2050	Health Diagnosing, Treating Pract. Support Tech	320	421	101	31.6	10	8	18	n/a	n/a
29-2052	Pharmacy Technicians	127	197	70	55.1	7	3	10	9.52	10
29-2054	Respiratory Therapy Technicians	*	*	*	*	*	*	*	12.90	7
29-2055	Surgical Technologists	33	41	8	24.2	1	1	2	13.11	7
29-2061	Licensed Practical & Licensed Voc. Nurses	384	462	78	20.3	8	10	18	12.95	7
29-2071	Medical Records & Health Info. Technicians	58	82	24	41.4	2	1	3	11.22	6
29-9000	Other Healthcare Practitioners & Technical Occs	49	67	18	36.7	2	1	3	n/a	n/a

~ Education/Training Required Codes- Page 33      n/a - Not Available      \* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Lincoln Trail Area

## Healthcare Support Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010				
						Growth	Separations	Total		
31-0000	Healthcare Support Occupations	1,634	2,234	600	36.7	60	27	87	n/a	n/a
31-1000	Nursing, Psychiatric, and Home Health Aides	1,091	1,461	370	33.9	37	14	51	n/a	n/a
31-1010	Nursing, Psychiatric, and Home Health Aides	1,091	1,461	370	33.9	37	14	51	n/a	n/a
31-1011	Home Health Aides	114	170	56	49.1	6	2	8	7.86	11
31-1012	Nursing Aides, Orderlies, and Attendants	976	1,290	314	32.2	31	12	43	8.04	11
31-2000	Occupational & Physical Therapist Assist & Aide	126	181	55	43.7	6	4	10	n/a	n/a
31-2020	Physical Therapist Assistants and Aides	102	148	46	45.1	5	3	8	n/a	n/a
31-2021	Physical Therapist Assistants	90	133	43	47.8	4	3	7	14.96	6
31-9000	Other Healthcare Support Occupations	417	592	175	42.0	18	10	28	n/a	n/a
31-9010	Massage Therapists	*	*	*	*	*	*	*	n/a	n/a
31-9090	Miscellaneous Healthcare Support Occupations	414	588	174	42.0	17	9	26	n/a	n/a
31-9091	Dental Assistants	175	291	116	66.3	12	3	15	10.49	10
31-9092	Medical Assistants	53	84	31	58.5	3	1	4	10.30	10
31-9094	Medical Transcriptionists	36	43	7	19.4	1	1	2	13.18	7
31-9095	Pharmacy Aides	38	53	15	39.5	2	1	3	8.52	11
31-9099	Healthcare Support Workers, All Other	94	96	2	2.1	0	3	3	12.09	11

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Lincoln Trail Area

## Protective Service Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010				
						Growth	Separations	Total		
33-0000	Protective Service Occupations	1,379	1,759	380	27.6	38	36	74	n/a	n/a
33-1000	Supervisors, Protective Service Workers	152	196	44	28.9	4	4	8	n/a	n/a
33-1010	Supervisors, Law Enforcement Workers	113	152	39	34.5	4	3	7	n/a	n/a
33-1012	Supervisors of Police and Detectives	100	123	23	23.0	2	3	5	23.18	8
33-1021	Supervisors of Fire Fighting and Prevention	*	*	*	*	*	*	*	17.12	8
33-2000	Fire Fighting and Prevention Workers	150	161	11	7.3	1	4	5	n/a	n/a
33-2011	Fire Fighters	144	153	9	6.3	1	4	5	10.32	9
33-3000	Law Enforcement Workers	687	968	281	40.9	28	15	43	n/a	n/a
33-3010	Bailiffs, Correctional Officers, and Jailers	220	349	129	58.6	13	5	18	n/a	n/a
33-3012	Correctional Officers and Jailers	216	344	128	59.3	13	5	18	10.52	10
33-3051	Police and Sheriff's Patrol Officers	431	576	145	33.6	15	9	24	13.89	9
33-9000	Other Protective Service Workers	390	434	44	11.3	4	12	16	n/a	n/a
33-9032	Security Guards	325	358	33	10.2	3	9	12	10.01	11
33-9090	Miscellaneous Protective Service Workers	38	40	2	5.3	0	3	3	n/a	n/a
33-9099	Protective Service Workers, All Other	32	33	1	3.1	0	3	3	16.68	11

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch



# Lincoln Trail Area

## Food Preparation & Serving Related Occs.

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010				
						Growth	Separations	Total		
35-0000 Food Preparation & Serving Related Occupations		5,635	6,785	1,150	20.4	115	198	313	n/a	n/a
35-1000	Supervisors, Food Prep. & Serving Workers	700	871	171	24.4	17	18	35	n/a	n/a
35-1010	Supervisors, Food Preparation and Serving	700	871	171	24.4	17	18	35	n/a	n/a
35-1011	Chefs and Head Cooks	46	60	14	30.4	1	1	2	10.31	7
35-1012	Supervisors of Food Preparation and Serving	654	811	157	24.0	16	17	33	8.08	8
35-2000	Cooks and Food Preparation Workers	3,645	4,146	501	13.7	50	106	156	n/a	n/a
35-2010	Cooks	3,405	3,823	418	12.3	42	97	139	n/a	n/a
35-2011	Cooks, Fast Food	2,138	2,406	268	12.5	27	61	88	6.11	11
35-2012	Cooks, Institution and Cafeteria	728	721	-7	-1.0	0	21	21	8.42	9
35-2013	Cooks, Private Household	*	*	*	*	*	*	*	n/a	9
35-2015	Cooks, Short Order	500	643	143	28.6	14	14	28	6.95	11
35-2021	Food Preparation Workers	240	323	83	34.6	8	9	17	7.46	11
35-3000	Food and Beverage Serving Workers	1,144	1,594	450	39.3	45	69	114	n/a	n/a
35-3020	Fast Food and Counter Workers	686	1,027	341	49.7	34	43	77	n/a	n/a
35-3021	Combined Food Prep. & Serving Workers	605	914	309	51.1	31	37	68	6.60	11
35-3022	Counter Attend, Cafeteria, Food Concession	81	113	32	39.5	3	6	9	7.14	11
35-3031	Waiters and Waitresses	419	520	101	24.1	10	24	34	6.01	11
35-3041	Food Servers, Nonrestaurant	*	*	*	*	*	*	*	6.84	11
35-9000	Other Food Prep. & Serving Related Workers	146	174	28	19.2	3	5	8	n/a	n/a
35-9011	Dining Room, Cafeteria Attend. & Bartender Help	31	33	2	6.5	0	1	1	6.16	11
35-9021	Dishwashers	43	46	3	7.0	0	2	2	6.66	11

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Lincoln Trail Area

## Building, Grounds Cleaning & Maintenance Occs.

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2010-2000 Percent	Average Annual 2000-2010				
						Growth	Separations	Total		
37-0000	Building, Grounds Cleaning & Maintenance Occs	3,303	4,091	788	23.9	79	70	149	n/a	n/a
37-1000	Supervisors, Build, Grounds Clean. & Maint.	195	237	42	21.5	4	4	8	n/a	n/a
37-1010	Supervisors, Building and Grounds Cleaning	195	237	42	21.5	4	4	8	n/a	n/a
37-1011	Supervisor of Housekeeping and Janitors	148	182	34	23.0	3	4	7	11.20	8
37-1012	Supervisors of Landscaping, Lawn Service	47	55	8	17.0	1	0	1	13.65	8
37-2000	Building Cleaning and Pest Control Workers	2,380	2,812	432	18.2	43	47	90	n/a	n/a
37-2010	Building Cleaning Workers	2,328	2,731	403	17.3	40	46	86	n/a	n/a
37-2011	Janitors, Cleaners, Ex. Maids and Housekeeping	1,179	1,412	233	19.8	23	21	44	8.77	11
37-2012	Maids and Housekeeping Cleaners	1,149	1,319	170	14.8	17	25	42	6.64	11
37-3000	Grounds Maintenance Workers	678	975	297	43.8	30	17	47	n/a	n/a
37-3010	Grounds Maintenance Workers	678	975	297	43.8	30	17	47	n/a	n/a
37-3011	Landscaping and Groundskeeping Workers	507	735	228	45.0	23	13	36	8.99	11
37-9000	Misc. Building & Grounds Cleaning & Maint. Work	50	67	17	34.0	2	1	3	n/a	n/a

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Lincoln Trail Area

## Personal Care & Service Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2000	2010	2000-2010		Average Annual 2000-2010			Wage	Training
		Estimated	Projected	Number	Percent	Growth	Separations	Total	2001	Req'd~
<b>39-0000</b>	<b>Personal Care and Service Occupations</b>	<b>4,007</b>	<b>5,137</b>	<b>1,130</b>	<b>28.2</b>	<b>113</b>	<b>128</b>	<b>241</b>	<b>n/a</b>	<b>n/a</b>
<b>39-1000</b>	<b>Supervisors, Personal Care &amp; Service Workers</b>	<b>75</b>	<b>89</b>	<b>14</b>	<b>18.7</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>n/a</b>	<b>n/a</b>
39-1021	Supervisors of Personal Service Workers	75	89	14	18.7	1	2	3	10.29	8
<b>39-2000</b>	<b>Animal Care and Service Workers</b>	<b>79</b>	<b>94</b>	<b>15</b>	<b>19.0</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>n/a</b>	<b>n/a</b>
39-2021	Nonfarm Animal Caretakers	79	94	15	19.0	2	2	4	8.21	11
<b>39-3000</b>	<b>Entertainment Attendants and Related Workers</b>	<b>534</b>	<b>678</b>	<b>144</b>	<b>27.0</b>	<b>14</b>	<b>18</b>	<b>32</b>	<b>n/a</b>	<b>n/a</b>
39-3090	Misc Entertainment Attendants & Related Worker	505	643	138	27.3	14	17	31	n/a	n/a
39-3091	Amusement and Recreation Attendants	480	612	132	27.5	13	16	29	6.54	11
<b>39-4000</b>	<b>Funeral Service Workers</b>	<b>41</b>	<b>46</b>	<b>5</b>	<b>12.2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>n/a</b>	<b>n/a</b>
<b>39-5000</b>	<b>Personal Appearance Workers</b>	<b>171</b>	<b>181</b>	<b>10</b>	<b>5.8</b>	<b>1</b>	<b>4</b>	<b>5</b>	<b>n/a</b>	<b>n/a</b>
39-5010	Barbers and Cosmetologists	171	181	10	5.8	1	4	5	n/a	n/a
39-5012	Hairdressers, Hairstylists, and Cosmetologists	145	156	11	7.6	1	4	5	8.81	7
<b>39-6000</b>	<b>Transportation, Tourism, and Lodging Attendants</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>n/a</b>	<b>n/a</b>
<b>39-9000</b>	<b>Other Personal Care and Service Workers</b>	<b>3,094</b>	<b>4,037</b>	<b>943</b>	<b>30.5</b>	<b>94</b>	<b>100</b>	<b>194</b>	<b>n/a</b>	<b>n/a</b>
39-9011	Child Care Workers	2,783	3,551	768	27.6	77	94	171	6.60	n/a
39-9030	Recreation and Fitness Workers	89	106	17	19.1	2	2	4	n/a	n/a
39-9032	Recreation Workers	63	66	3	4.8	0	1	1	12.04	5
39-9099	Personal Care and Service Workers, All Other	52	77	25	48.1	3	1	4	9.15	10

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Lincoln Trail Area

## Sales and Related Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010				
						Growth	Separations	Total		
41-0000	Sales and Related Occupations	8,879	11,394	2,515	28.3	252	301	553	n/a	n/a
41-1000	Supervisors, Sales Workers	1,112	1,394	282	25.4	28	16	44	n/a	n/a
41-1010	Supervisors/Managers, Sales Workers	1,112	1,394	282	25.4	28	16	44	n/a	n/a
41-1011	Supervisors/Managers of Retail Sales Workers	974	1,198	224	23.0	22	14	36	13.09	8
41-1012	Supervisors of Non-Retail Sales Workers	138	196	58	42.0	6	2	8	18.94	8
41-2000	Retail Sales Workers	5,975	7,598	1,623	27.2	162	248	410	n/a	n/a
41-2011	Cashiers	2,871	3,896	1,025	35.7	103	130	233	7.18	11
41-2020	Counter, Rental Clerks & Parts Salespersons	541	540	-1	-0.2	0	20	20	n/a	n/a
41-2021	Counter and Rental Clerks	272	288	16	5.9	2	12	14	7.88	11
41-2022	Parts Salespersons	269	252	-17	-6.3	0	8	8	10.14	10
41-2031	Retail Salespersons	2,563	3,162	599	23.4	60	98	158	7.96	11
41-3000	Sales Representatives, Services	615	764	149	24.2	15	8	23	n/a	n/a
41-3011	Advertising Sales Agents	80	85	5	6.3	1	2	3	13.93	10
41-3021	Insurance Sales Agents	*	*	*	*	*	*	*	17.58	5
41-3041	Travel Agents	37	49	12	32.4	1	1	2	7.92	7
41-3099	Sales Representatives, Services, All Other	*	*	*	*	*	*	*	19.20	10
41-4000	Sales Reps, Wholesale and Manufacturing	589	783	194	32.9	19	16	35	n/a	n/a
41-4010	Sales Reps, Wholesale & Manuf, Technical	589	783	194	32.9	19	16	35	n/a	n/a
41-4012	Sales Reps, Wholesale & Manuf, Ex. Technical	562	749	187	33.3	19	15	34	15.44	10
41-9000	Other Sales and Related Workers	588	855	267	45.4	27	13	40	n/a	n/a
41-9010	Models, Demonstrators, and Product Promoters	*	*	*	*	*	*	*	n/a	n/a
41-9020	Real Estate Brokers and Sales Agents	39	50	11	28.2	1	1	2	n/a	n/a
41-9022	Real Estate Sales Agents	35	44	9	25.7	1	1	2	14.80	7
41-9041	Telemarketers	287	395	108	37.6	11	6	17	8.78	11
41-9090	Miscellaneous Sales and Related Workers	251	396	145	57.8	15	6	21	n/a	n/a
41-9099	Sales and Related Workers, All Other	169	283	114	67.5	11	4	15	12.50	10

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Lincoln Trail Area

## Office & Administrative Support Occs.

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2000	2010	2000-2010		Average Annual 2000-2010			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2001	Req'd~
<b>43-0000</b>	<b>Office and Administrative Support Occupations</b>	<b>12,646</b>	<b>14,397</b>	<b>1,751</b>	<b>13.8</b>	<b>175</b>	<b>280</b>	<b>455</b>	<b>n/a</b>	<b>n/a</b>
<b>43-1000</b>	<b>Supervisors, Office &amp; Admin. Support Workers</b>	<b>678</b>	<b>795</b>	<b>117</b>	<b>17.3</b>	<b>12</b>	<b>13</b>	<b>25</b>	<b>n/a</b>	<b>n/a</b>
<b>43-2000</b>	<b>Communications Equipment Operators</b>	<b>188</b>	<b>138</b>	<b>-50</b>	<b>-26.6</b>	<b>0</b>	<b>6</b>	<b>6</b>	<b>n/a</b>	<b>n/a</b>
43-2011	Switchboard Operators, Inc. Answering Service	187	137	-50	-26.7	0	6	6	9.43	11
43-2099	Communications Equipment Operators, All Other	*	*	*	*	*	*	*	19.06	11
<b>43-3000</b>	<b>Financial Clerks</b>	<b>2,200</b>	<b>2,393</b>	<b>193</b>	<b>8.8</b>	<b>19</b>	<b>58</b>	<b>77</b>	<b>n/a</b>	<b>n/a</b>
43-3011	Bill and Account Collectors	112	142	30	26.8	3	3	6	10.73	11
43-3021	Billing and Posting Clerks & Machine Operators	373	479	106	28.4	11	9	20	10.94	11
43-3031	Bookkeeping, Accounting, and Auditing Clerks	956	1,047	91	9.5	9	18	27	11.29	10
43-3051	Payroll and Timekeeping Clerks	219	227	8	3.7	1	6	7	10.73	11
43-3061	Procurement Clerks	148	119	-29	-19.6	0	3	3	13.67	11
43-3071	Tellers	391	378	-13	-3.3	0	19	19	9.00	11
<b>43-4000</b>	<b>Information and Record Clerks</b>	<b>2,790</b>	<b>3,298</b>	<b>508</b>	<b>18.2</b>	<b>51</b>	<b>52</b>	<b>103</b>	<b>n/a</b>	<b>n/a</b>
43-4021	Correspondence Clerks	*	*	*	*	*	*	*	10.52	11
43-4031	Court, Municipal, and License Clerks	186	238	52	28.0	5	3	8	10.83	11
43-4051	Customer Service Representatives	625	842	217	34.7	22	5	27	10.52	10
43-4071	File Clerks	106	131	25	23.6	3	3	6	9.01	11
43-4081	Hotel, Motel, and Resort Desk Clerks	202	293	91	45.0	9	9	18	7.45	11
43-4111	Interviewers, Except Eligibility and Loan	88	114	26	29.5	3	2	5	9.13	11
43-4131	Loan Interviewers and Clerks	125	91	-34	-27.2	0	1	1	12.11	11
43-4151	Order Clerks	148	148	0	0.0	0	3	3	10.57	11
43-4161	Human Res. Assist, Ex Payroll & Timekeeping	279	249	-30	-10.8	0	6	6	13.23	11
43-4171	Receptionists and Information Clerks	577	759	182	31.5	18	13	31	8.87	11
43-4181	Reserv., Transp. Ticket Agent & Travel Clerk	*	*	*	*	*	*	*	15.09	11
43-4999	Financial, Information & Record Clerks, All Other	342	315	-27	-7.9	0	5	5	17.41	11
<b>43-5000</b>	<b>Material Record, Schedule, Dispatch &amp; Distribute</b>	<b>2,747</b>	<b>3,098</b>	<b>351</b>	<b>12.8</b>	<b>35</b>	<b>78</b>	<b>113</b>	<b>n/a</b>	<b>n/a</b>
43-5030	Dispatchers	140	175	35	25.0	4	2	6	n/a	n/a
43-5031	Police, Fire, and Ambulance Dispatchers	72	94	22	30.6	2	1	3	10.13	10
43-5032	Dispatchers, Except Police, Fire, and Ambulance	68	81	13	19.1	1	1	2	13.74	10
43-5041	Meter Readers, Utilities	35	26	-9	-25.7	0	1	1	11.54	11
43-5050	Postal Service Workers	575	479	-96	-16.7	0	16	16	n/a	n/a
43-5051	Postal Service Clerks	88	73	-15	-17.0	0	2	2	17.96	11
43-5052	Postal Service Mail Carriers	432	360	-72	-16.7	0	13	13	17.49	11
43-5053	Postal Service Mail Sorters, Processors	55	46	-9	-16.4	0	1	1	11.34	11
43-5061	Production, Planning, and Expediting Clerks	153	174	21	13.7	2	3	5	16.88	11
43-5071	Shipping, Receiving, and Traffic Clerks	570	615	45	7.9	5	12	17	10.78	11
43-5081	Stock Clerks and Order Fillers	1,215	1,562	347	28.6	35	43	78	9.53	11
43-5111	Weigh, Measure, Check & Sample, Recordkeep.	36	44	8	22.2	1	1	2	11.77	11

# Lincoln Trail Area

## Office & Administrative Support Occs. (cont'd)

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010				
						Growth	Separations	Total		
43-6000	Secretaries and Administrative Assistants	2,641	2,986	345	13.1	35	45	80	n/a	n/a
43-6010	Secretaries and Administrative Assistants	2,641	2,986	345	13.1	35	45	80	n/a	n/a
43-6013	Medical Secretaries	*	*	*	*	*	*	*	9.52	7
43-6014	Secretaries, Except Legal, Medical, and Executive	1,578	1,691	113	7.2	11	27	38	10.73	10
43-9000	Other Office & Administrative Support Workers	1,402	1,689	287	20.5	29	27	56	n/a	n/a
43-9011	Computer Operators	45	36	-9	-20.0	0	1	1	12.69	10
43-9020	Data Entry and Information Processing Workers	124	132	8	6.5	1	2	3	n/a	n/a
43-9021	Data Entry Keyers	87	94	7	8.0	1	1	2	8.89	10
43-9022	Word Processors and Typists	37	38	1	2.7	0	1	1	10.46	10
43-9051	Mail Clerks & Mail Machine Ops, Ex Postal Serv.	62	55	-7	-11.3	0	2	2	11.87	11
43-9061	Office Clerks, General	1,075	1,356	281	26.1	28	21	49	9.45	11

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Lincoln Trail Area

## Farming, Fishing & Forestry Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010				
						Growth	Separations	Total		
45-0000	Farming, Fishing, and Forestry Occupations	360	472	112	31.1	11	10	21	n/a	n/a
45-1000	Supervisors, Farm, Fish & Forestry Workers	*	*	*	*	*	*	*	n/a	n/a
45-2000	Agricultural Workers	41	45	4	9.8	0	1	1	n/a	n/a
45-2090	Miscellaneous Agricultural Workers	*	*	*	*	*	*	*	n/a	n/a
45-2099	Agricultural Workers, All Other	*	*	*	*	*	*	*	n/a	n/a
45-3000	Fishing and Hunting Workers	148	204	56	37.8	6	5	11	n/a	n/a
45-3010	Fishers and Related Fishing Workers	148	204	56	37.8	6	5	11	n/a	n/a
45-4000	Forest, Conservation, and Logging Workers	36	32	-4	-11.1	0	1	1	n/a	n/a
45-9000	Other Farming, Fishing, and Forestry Workers	117	169	52	44.4	5	4	9	n/a	n/a

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Lincoln Trail Area

## Construction & Extraction Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2010 Percent	Average Annual 2000-2010				
						Growth	Separations	Total		
47-0000	Construction and Extraction Occupations	5,193	6,939	1,746	33.6	175	95	270	n/a	n/a
47-1000	Supervisors, Construction & Extraction Workers	430	569	139	32.3	14	10	24	n/a	n/a
47-1011	Supervisors/Managers of Construction Trades	430	569	139	32.3	14	10	24	20.29	8
47-2000	Construction Trades Workers	3,915	5,331	1,416	36.2	142	58	200	n/a	n/a
47-2031	Carpenters	802	1,107	305	38.0	31	14	45	12.69	9
47-2051	Cement Masons and Concrete Finishers	294	374	80	27.2	8	3	11	12.38	9
47-2061	Construction Laborers	1,188	1,633	445	37.5	45	11	56	9.28	10
47-2070	Construction Equipment Operators	411	484	73	17.8	7	9	16	n/a	n/a
47-2071	Paving, Surfacing & Tamping Equip Operators	37	36	-1	-2.7	0	1	1	16.01	10
47-2073	Operating Engineers & Other Const Equip Ops	374	448	74	19.8	7	8	15	16.41	10
47-2111	Electricians	182	251	69	37.9	7	3	10	18.74	9
47-2141	Painters, Construction and Maintenance	129	174	45	34.9	5	2	7	13.90	10
47-2150	Pipelayers, Plumbers, Pipefitters & Steamfitters	457	665	208	45.5	21	8	29	n/a	n/a
47-2152	Plumbers, Pipefitters, and Steamfitters	447	651	204	45.6	20	7	27	21.25	9
47-2171	Reinforcing Iron and Rebar Workers	104	150	46	44.2	5	1	6	20.81	9
47-2211	Sheet Metal Workers	101	169	68	67.3	7	2	9	13.92	10
47-3000	Helpers, Construction Trades	387	514	127	32.8	13	19	32	n/a	n/a
47-3010	Helpers, Construction Trades	387	514	127	32.8	13	19	32	n/a	n/a
47-3012	Helpers--Carpenters	*	*	*	*	*	*	*	8.72	11
47-3013	Helpers--Electricians	91	116	25	27.5	3	5	8	10.53	11
47-3015	Helpers--Pipelayer, Fitter, Plumber & Steamfitter	152	224	72	47.4	7	8	15	10.58	11
47-4000	Other Construction and Related Workers	408	458	50	12.3	5	7	12	n/a	n/a
47-4051	Highway Maintenance Workers	302	339	37	12.3	4	5	9	9.87	10
47-4061	Rail-Track Laying & Maintenance Equip Operator	*	*	*	*	*	*	*	n/a	10
47-5000	Extraction Workers	53	67	14	26.4	1	2	3	n/a	n/a
47-5021	Earth Drillers, Except Oil and Gas	*	*	*	*	*	*	*	11.26	10
47-5040	Mining Machine Operators	*	*	*	*	*	*	*	n/a	n/a

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch



# Lincoln Trail Area

## Installation, Maintenance & Repair Occs.

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2000	2010	2000-2010		Average Annual 2000-2010			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2001	Req'd~
<b>49-0000 Installation, Maintenance, and Repair Occupations</b>		<b>3,736</b>	<b>4,225</b>	<b>489</b>	<b>13.1</b>	<b>49</b>	<b>85</b>	<b>134</b>	<b>n/a</b>	<b>n/a</b>
<b>49-1000</b>	<b>Supervisors of Installation, Maint &amp; Repair Work</b>	<b>309</b>	<b>368</b>	<b>59</b>	<b>19.1</b>	<b>6</b>	<b>8</b>	<b>14</b>	<b>n/a</b>	<b>n/a</b>
49-1011	Supervisors of Mechanics, Installers	309	368	59	19.1	6	8	14	18.56	8
<b>49-2000</b>	<b>Electrical &amp; Electronic Equip Mechanic, Installer</b>	<b>268</b>	<b>277</b>	<b>9</b>	<b>3.4</b>	<b>1</b>	<b>5</b>	<b>6</b>	<b>n/a</b>	<b>n/a</b>
49-2011	Computer, Auto. Teller & Office Machine Repairer	49	55	6	12.2	1	1	2	16.05	7
49-2090	Miscellaneous Electrical & Electronic Equipment	201	207	6	3.0	1	4	5	n/a	n/a
49-2094	Electrical & Electronics Repair, Commc., Ind.	39	35	-4	-10.3	0	1	1	20.32	7
<b>49-3000</b>	<b>Vehicle &amp; Mobile Equipment Mechanics, Install</b>	<b>1,311</b>	<b>1,399</b>	<b>88</b>	<b>6.7</b>	<b>9</b>	<b>34</b>	<b>43</b>	<b>n/a</b>	<b>n/a</b>
49-3011	Aircraft Mechanics and Service Technicians	57	46	-11	-19.3	0	1	1	19.36	7
49-3020	Automotive Technicians and Repairers	503	550	47	9.3	5	12	17	n/a	n/a
49-3021	Automotive Body and Related Repairers	197	208	11	5.6	1	5	6	17.91	9
49-3023	Automotive Service Technicians and Mechanics	298	333	35	11.7	4	7	11	12.77	7
49-3031	Bus, Truck Mechanics & Diesel Engine Specialist	329	347	18	5.5	2	8	10	13.33	7
49-3040	Heavy Vehicle & Mobile Equipment Service Tech	224	240	16	7.1	2	6	8	n/a	n/a
49-3042	Mobile Heavy Equipment Mechanics, Ex Engines	139	127	-12	-8.6	0	4	4	17.49	7
49-3050	Small Engine Mechanics	64	78	14	21.9	1	2	3	n/a	n/a
49-3052	Motorcycle Mechanics	*	*	*	*	*	*	*	10.99	9
49-3053	Outdoor Power Equip & Other Small Engine Mech	39	53	14	35.9	1	1	2	7.49	10
49-3090	Misc. Vehicle and Mobile Equipment Mechanics	134	138	4	3.0	0	5	5	n/a	n/a
49-3093	Tire Repairers and Changers	126	130	4	3.2	0	5	5	10.95	11
<b>49-9000</b>	<b>Other Installation, Maintenance &amp; Repair Occs</b>	<b>1,848</b>	<b>2,181</b>	<b>333</b>	<b>18.0</b>	<b>33</b>	<b>38</b>	<b>71</b>	<b>n/a</b>	<b>n/a</b>
49-9012	Control, Valve Installers & Repairers, Ex. Mech.	*	*	*	*	*	*	*	13.94	10
49-9021	Heating, Air Conditioning & Refrigeration Mech	56	84	28	50.0	3	1	4	13.30	9
49-9040	Industrial Machinery Installation, Repair & Maint	1,306	1,548	242	18.5	24	23	47	n/a	n/a
49-9041	Industrial Machinery Mechanics	346	437	91	26.3	9	9	18	15.99	9
49-9042	Maintenance and Repair Workers, General	875	1,004	129	14.7	13	11	24	12.82	9
49-9043	Maintenance Workers, Machinery	50	51	1	2.0	0	1	1	14.04	9
49-9044	Millwrights	35	56	21	60.0	2	1	3	15.72	9
49-9050	Line Installers and Repairers	170	170	0	0.0	0	4	4	n/a	n/a
49-9051	Electrical Power-Line Installers and Repairers	76	81	5	6.6	1	3	4	21.90	9
49-9052	Telecommunications Line Installers & Repairers	94	89	-5	-5.3	0	2	2	17.06	9
49-9060	Precision Instrument and Equipment Repairers	*	*	*	*	*	*	*	n/a	n/a
49-9062	Medical Equipment Repairers	*	*	*	*	*	*	*	19.06	10
49-9090	Misc Installation, Maintenance & Repair Workers	237	273	36	15.2	4	8	12	n/a	n/a
49-9093	Fabric Menders, Except Garment	*	*	*	*	*	*	*	19.06	n/a
49-9097	Signal and Track Switch Repairers	*	*	*	*	*	*	*	n/a	9
49-9098	Helpers--Installation, Maintenance & Repair Work	92	107	15	16.3	2	5	7	11.40	11
49-9099	Install, Maintenance & Repair Workers, All Other	119	137	18	15.1	2	2	4	15.90	9

# Lincoln Trail Area

## Production Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010				
						Growth	Separations	Total		
51-0000 Production Occupations		12,926	15,466	2,540	19.7	254	273	527	n/a	n/a
51-1000	Supervisors, Production Workers	838	961	123	14.7	12	22	34	n/a	n/a
51-1011	Supervisors of Production and Operating	838	961	123	14.7	12	22	34	17.54	8
51-2000	Assemblers and Fabricators	3,577	4,782	1,205	33.7	121	63	184	n/a	n/a
51-2041	Structural Metal Fabricators and Fitters	33	54	21	63.6	2	1	3	14.79	10
51-2090	Miscellaneous Assemblers and Fabricators	3,383	4,570	1,187	35.1	119	59	178	n/a	n/a
51-2092	Team Assemblers	3,008	4,086	1,078	35.8	108	53	161	12.25	10
51-2099	Assemblers and Fabricators, All Other	271	339	68	25.1	7	5	12	11.45	10
51-3000	Food Processing Workers	276	389	113	40.9	11	6	17	n/a	n/a
51-3011	Bakers	45	63	18	40.0	2	1	3	8.54	9
51-3020	Butchers, Meat, Poultry & Fish Process Work	151	158	7	4.6	1	4	5	n/a	n/a
51-3021	Butchers and Meat Cutters	145	145	0	0.0	0	4	4	10.97	9
51-3090	Miscellaneous Food Processing Workers	80	168	88	110.0	9	2	11	n/a	n/a
51-4000	Metal Workers and Plastic Workers	3,406	4,294	888	26.1	89	79	168	n/a	n/a
51-4010	Computer Control Programmers and Operators	41	66	25	61.0	3	1	4	n/a	n/a
51-4011	Computer-Controlled Machine Tool Operators	31	52	21	67.7	2	1	3	13.26	9
51-4020	Forming Machine Setters, Operators & Tenders	242	246	4	1.7	0	7	7	n/a	n/a
51-4021	Extruding & Drawing Machine Setters, Operators	94	119	25	26.6	3	2	5	13.94	10
51-4030	Machine Tool Cutting Setter, Operator & Tender	567	617	50	8.8	5	15	20	n/a	n/a
51-4031	Cutting, Punching & Press Machine Setter	247	271	24	9.7	2	5	7	11.59	10
51-4032	Drilling & Boring Machine Tool Setter, Operator	83	80	-3	-3.6	0	3	3	13.48	10
51-4034	Lathe & Turning Machine Tool Setters, Operators	83	72	-11	-13.3	0	3	3	15.12	10
51-4041	Machinists	291	411	120	41.2	12	6	18	15.27	9
51-4081	Multiple Machine Tool Setter, Operator & Tender	471	687	216	45.9	22	7	29	9.48	10
51-4111	Tool and Die Makers	216	277	61	28.2	6	5	11	16.40	9
51-4120	Welding, Soldering, and Brazing Workers	635	962	327	51.5	33	18	51	n/a	n/a
51-4121	Welders, Cutters, Solderers, and Brazers	588	889	301	51.2	30	17	47	13.10	7
51-4122	Welding, Soldering & Brazing Machine Setters	47	73	26	55.3	3	1	4	11.22	10
51-4190	Miscellaneous Metalworkers and Plastic Workers	320	336	16	5.0	2	7	9	n/a	n/a
51-4191	Heat Treating Equip Setter, Operator & Tender	*	*	*	*	*	*	*	11.32	10
51-4194	Tool Grinders, Filers, and Sharpeners	85	101	16	18.8	2	2	4	13.93	n/a
51-4199	Metal Workers and Plastic Workers, All Other	97	94	-3	-3.1	0	2	2	17.10	10
51-5000	Printing Workers	290	313	23	7.9	2	7	9	n/a	n/a
51-5011	Bindery Workers	*	*	*	*	*	*	*	7.10	10
51-5020	Printers	265	274	9	3.4	1	7	8	n/a	n/a
51-5023	Printing Machine Operators	181	200	19	10.5	2	5	7	13.73	10

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Lincoln Trail Area

## Production Occupations (cont'd)

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010		Average Annual 2000-2010				
				Number	Percent	Growth	Separations	Total		
51-6000	Textile, Apparel, and Furnishings Workers	1,463	1,185	-278	-19.0	0	19	19	n/a	n/a
51-6011	Laundry and Dry-Cleaning Workers	112	122	10	8.9	1	3	4	8.04	10
51-6031	Sewing Machine Operators	1,180	913	-267	-22.6	0	13	13	9.07	10
51-6090	Misc Textile, Apparel, and Furnishings Workers	45	42	-3	-6.7	0	1	1	n/a	n/a
51-6099	Textile, Apparel & Furnishings Workers, All Other	*	*	*	*	*	*	*	15.53	10
51-7000	Woodworkers	367	424	57	15.5	6	13	19	n/a	n/a
51-7011	Cabinetmakers and Bench Carpenters	218	267	49	22.5	5	7	12	10.63	9
51-7021	Furniture Finishers	*	*	*	*	*	*	*	10.11	9
51-7040	Woodworking Machine Setter, Operator & Tender	110	105	-5	-4.5	0	4	4	n/a	n/a
51-7042	Woodworking Machine Setter, Operatos & Tender	75	76	1	1.3	0	3	3	9.71	10
51-8000	Plant and System Operators	361	473	112	31.0	11	11	22	n/a	n/a
51-8010	Power Plant Operator, Distributor & Dispatcher	*	*	*	*	*	*	*	n/a	n/a
51-8031	Water, Liquid Waste Treat. Plant & System Ops	148	201	53	35.8	5	5	10	11.99	9
51-8090	Miscellaneous Plant and System Operators	186	246	60	32.3	6	6	12	n/a	n/a
51-9000	Other Production Occupations	2,348	2,645	297	12.6	30	53	83	n/a	n/a
51-9010	Chemical Processing Machine Setter, Operator	56	72	16	28.6	2	1	3	n/a	n/a
51-9020	Crush, Grind, Polish, Mix & Blending Workers	180	211	31	17.2	3	4	7	n/a	n/a
51-9021	Crushing, Grinding & Polishing Machine Setters	98	107	9	9.2	1	2	3	11.65	10
51-9022	Grinding and Polishing Workers, Hand	41	49	8	19.5	1	1	2	8.19	10
51-9023	Mixing, Blending Machine Setters, Operators	41	55	14	34.1	1	1	2	10.60	10
51-9041	Extrude, Form, Press & Compact Machine Setter	64	83	19	29.7	2	2	4	12.42	10
51-9061	Inspector, Tester, Sorter, Sampler, and Weigher	580	589	9	1.6	1	13	14	11.78	10
51-9111	Packaging, Filling Machine Operators & Tenders	429	578	149	34.7	15	9	24	12.43	11
51-9120	Painting Workers	102	142	40	39.2	4	2	6	n/a	n/a
51-9121	Coating, Painting & Spraying Machine Setters	83	122	39	47.0	4	2	6	11.40	10
51-9190	Miscellaneous Production Workers	688	676	-12	-1.7	0	16	16	n/a	n/a
51-9198	Helpers--Production Workers	490	467	-23	-4.7	0	12	12	12.50	11
51-9199	Production Workers, All Other	156	167	11	7.1	1	3	4	9.62	10

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Lincoln Trail Area

## Transportation & Material Moving Occs.

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010			Wage	Training
						Growth	Separations	Total	2001	Req'd~
<b>53-0000</b>	<b>Transportation and Material Moving Occupations</b>	<b>6,742</b>	<b>8,513</b>	<b>1,771</b>	<b>26.3</b>	<b>177</b>	<b>163</b>	<b>340</b>	<b>n/a</b>	<b>n/a</b>
<b>53-1000</b>	<b>Supervisors, Transp. &amp; Material Moving Workers</b>	<b>166</b>	<b>229</b>	<b>63</b>	<b>38.0</b>	<b>6</b>	<b>4</b>	<b>10</b>	<b>n/a</b>	<b>n/a</b>
53-1021	Supervisors of Helpers, Laborers & Material Move	88	122	34	38.6	3	2	5	17.93	8
53-1031	Supervisors of Transportation & Material Moving	78	107	29	37.2	3	2	5	19.52	8
<b>53-2000</b>	<b>Air Transportation Workers</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>n/a</b>	<b>n/a</b>
53-2011	Airline Pilots, Copilots, and Flight Engineers	*	*	*	*	*	*	*	n/a	5
53-2021	Air Traffic Controllers	*	*	*	*	*	*	*	17.91	n/a
<b>53-3000</b>	<b>Motor Vehicle Operators</b>	<b>2,603</b>	<b>3,161</b>	<b>558</b>	<b>21.4</b>	<b>56</b>	<b>44</b>	<b>100</b>	<b>n/a</b>	<b>n/a</b>
53-3020	Bus Drivers	742	764	22	3.0	2	19	21	n/a	n/a
53-3022	Bus Drivers, School	723	734	11	1.5	1	18	19	10.01	11
53-3030	Driver/Sales Workers and Truck Drivers	1,718	2,214	496	28.9	50	24	74	n/a	n/a
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,024	1,323	299	29.2	30	14	44	13.34	10
53-3033	Truck Drivers, Light or Delivery Services	592	752	160	27.0	16	8	24	8.62	11
53-3099	Motor Vehicle Operators, All Other	65	75	10	15.4	1	1	2	8.04	11
<b>53-4000</b>	<b>Rail Transportation Workers</b>	<b>41</b>	<b>30</b>	<b>-11</b>	<b>-26.8</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>n/a</b>	<b>n/a</b>
53-4021	Railroad Brake, Signal, and Switch Operators	*	*	*	*	*	*	*	n/a	8
53-4031	Railroad Conductors and Yardmasters	*	*	*	*	*	*	*	n/a	8
<b>53-5000</b>	<b>Water Transportation Workers</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>n/a</b>	<b>n/a</b>
<b>53-6000</b>	<b>Other Transportation Workers</b>	<b>80</b>	<b>122</b>	<b>42</b>	<b>52.5</b>	<b>4</b>	<b>3</b>	<b>7</b>	<b>n/a</b>	<b>n/a</b>
53-6031	Service Station Attendants	31	46	15	48.4	2	2	4	8.29	11
<b>53-7000</b>	<b>Material Moving Workers</b>	<b>3,814</b>	<b>4,938</b>	<b>1,124</b>	<b>29.5</b>	<b>112</b>	<b>109</b>	<b>221</b>	<b>n/a</b>	<b>n/a</b>
53-7011	Conveyor Operators and Tenders	108	123	15	13.9	2	3	5	11.23	11
53-7051	Industrial Truck and Tractor Operators	725	909	184	25.4	18	10	28	12.20	11
53-7060	Laborers and Material Movers, Hand	2,848	3,721	873	30.7	87	91	178	n/a	n/a
53-7061	Cleaners of Vehicles and Equipment	264	370	106	40.2	11	10	21	6.22	11
53-7062	Laborers, Freight, Stock & Material Movers, Hand	1,442	1,920	478	33.1	48	48	96	9.33	11
53-7063	Machine Feeders and Offbearers	420	427	7	1.7	1	15	16	9.12	11
53-7064	Packers and Packagers, Hand	722	1,004	282	39.1	28	18	46	9.73	11
53-7081	Refuse and Recyclable Material Collectors	67	93	26	38.8	3	3	6	10.08	11
53-7199	Material Moving Workers, All Other	*	*	*	*	*	*	*	19.06	11

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

## Educational Classifications

Occupations are classified into one of eleven categories listed according to these principles:

- An occupation is placed into the category that best describes the education or training needed by most workers to become fully qualified.
- Postsecondary awards, if generally needed for entry into the occupation, take precedence over work-related training even though additional skills or experience may be needed for a worker to become fully qualified.
- The length of time an average worker generally needs to become fully qualified through a combination of on-the-job training and experience is used to categorize occupations in which a post secondary award generally is needed for entry.

### Postsecodary awards

**(1) *First professional degree.*** Completion of the degree usually requires at least 3 years of full-time academic study beyond a bachelor's degree.

**(2) *Doctoral degree.*** Completion of a Ph.D. or other doctoral degree usually requiries at least 3 years of full-time academic study beyond a bachelor's degree.

**(3) *Master's degree.*** Completion of the degree usually requires 1 or 2 years of full time academic study beyond a bachelor's degree.

**(4) *Bachelor's degree.*** Completion of the degree generally requires at least 4 years, but not more than 5 years, of full-time academic study.

**(5) *Bachelor's or higher degree, plus work experience.*** Most occupations in this category are management occupations. All require experience in a related non-management position for which a bachelor's or higher degree is usually required.

**(6) *Associate degree.*** Completion of the degree usually requires at least 2 years of full-time academic study.

**(7) *Postsecondary vocational awards.*** Some programs last only a few weeks while others may last more than a year. Programs lead to a certificate or other award, but not a degree.

### Work-related training

**(8) *Work experience in a related occupation.*** Many occupations requiring work experience are first-line supervisors/managers of service, sales and related, production, or other occupations, or are management occupations.

**(9) *Long-term on-the-job training.*** More than 12 months on on-the-job training or combined work experience and formal classroom instruction are needed for workers to develop the skills necessary to be fully qualified. This category includes formal and informal apprenticeships that may last up to 5 years. Long-term on-the-job training also includes intensive occupation-specific, employer-sponsored programs that workers must successfully complete. These include fire and police academies and schools for air traffic controllers and flight attendants. In other occupations—insurance sales and securities sales, for example—trainees take formal courses, often provided on the job site, to prepare for the required licensing exams. Individuals undergoing training generally are considered to be employed in the occupation. Also included in this category is the development of a natural ability—such as that possessed by musicians, atheletes, actors, and other entertainers—that must be cultivated over several years, frequently in a nonwork setting.

**(10) *Moderate-term on-the-job training.*** Skills needed to be fully qualified can be acquired during 1 to 12 months of combined on-the-job experience and informal training.

**(11) *Short-term on-the-job training.*** Skills needed to be fully qulaified can be acquired during a short demonstration of job duties or during 1 month or less of on-the-job experience or instruction.

Occupational Title	SOC Code	Page Number
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--- A ---

Administrative Services Managers	11-3011	9
Adv, Marketing, Promotions, PR & Sales	11-2000	9
Advertising and Promotions Managers	11-2011	9
Advertising Sales Agents	41-3011	24
Agricultural and Food Science Technicians	19-4011	13
Agricultural Managers	11-9010	9
Agricultural Workers	45-2000	27
Agricultural Workers, All Other	45-2099	27
Air Traffic Controllers	53-2021	32
Air Transportation Workers	53-2000	32
Aircraft Mechanics and Service Technicians	49-3011	29
Airline Pilots, Copilots, and Flight Engineers	53-2011	32
Amusement and Recreation Attendants	39-3091	23
Animal Care and Service Workers	39-2000	23
Announcers	27-3010	17
Architects, Surveyors, and Cartographers	17-1000	12
Art and Design Workers	27-1000	17
Art Directors	27-1011	17
Artists and Related Workers	27-1010	17
Assemblers and Fabricators	51-2000	30
Assemblers and Fabricators, All Other	51-2099	30
Audiologists	29-1121	18
Automotive Body and Related Repairers	49-3021	29
Automotive Service Technicians and Mechanics	49-3023	29
Automotive Technicians and Repairers	49-3020	29

--- B ---

Bailiffs, Correctional Officers, and Jailers	33-3010	20
Bakers	51-3011	30
Barbers and Cosmetologists	39-5010	23
Bill and Account Collectors	43-3011	25
Billing and Posting Clerks & Machine Operators	43-3021	25
Bindery Workers	51-5011	30
Biological Scientists	19-1020	13
Bookkeeping, Accounting, and Auditing Clerks	43-3031	25
Broadcast, Sound Engineer. Tech & Radio Ops	27-4010	17

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Building Cleaning and Pest Control Workers	37-2000	22
Building Cleaning Workers	37-2010	22
Bus Drivers	53-3020	32
Bus Drivers, School	53-3022	32
Bus, Truck Mechanics & Diesel Engine Specialist	49-3031	29
Business Operations Specialists	13-1000	10
Butchers and Meat Cutters	51-3021	30
Butchers, Meat, Poultry & Fish Process Work	51-3020	30
Buyers and Purchasing Agents	13-1020	10

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Cabinetmakers and Bench Carpenters	51-7011	31
Cardiovascular Technologists and Technicians	29-2031	18
Carpenters	47-2031	28
Cashiers	41-2011	24
Cement Masons and Concrete Finishers	47-2051	28
Chefs and Head Cooks	35-1011	21
Chemical Processing Machine Setter, Operator	51-9010	31
Chemical Technicians	19-4031	13
Chief Executives	11-1011	9
Child Care Workers	39-9011	23
Cleaners of Vehicles and Equipment	53-7061	32
Clergy	21-2011	14
Clinical Laboratory Technologists & Technicians	29-2010	18
Clinical, Counseling, and School Psychologists	19-3031	13
Coating, Painting & Spraying Machine Setters	51-9121	31
Combined Food Prep. & Serving Workers	35-3021	21
Communications Equipment Operators	43-2000	25
Communications Equipment Operators, All Other	43-2099	25
Computer Control Programmers and Operators	51-4010	30
Computer Operators	43-9011	26
Computer Programmers	15-1021	11
Computer Software Engineers	15-1030	11
Computer Specialists	15-1000	11
Computer Support Specialists	15-1041	11
Computer, Auto. Teller & Office Machine Repairer	49-2011	29
Computer-Controlled Machine Tool Operators	51-4011	30
Conservation Scientists	19-1031	13
Construction Equipment Operators	47-2070	28



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Construction Laborers	47-2061	28
Construction Managers	11-9021	9
Construction Trades Workers	47-2000	28
Control, Valve Installers & Repairers, Ex. Mech.	49-9012	29
Conveyor Operators and Tenders	53-7011	32
Cooks	35-2010	21
Cooks and Food Preparation Workers	35-2000	21
Cooks, Fast Food	35-2011	21
Cooks, Institution and Cafeteria	35-2012	21
Cooks, Private Household	35-2013	21
Cooks, Short Order	35-2015	21
Correctional Officers and Jailers	33-3012	20
Correspondence Clerks	43-4021	25
Cost Estimators	13-1051	10
Counselors	21-1010	14
Counselors, Social & Religious Worker, All Other	21-9099	14
Counselors, Social Workers & Other Community	21-1000	14
Counter and Rental Clerks	41-2021	24
Counter Attend, Cafeteria, Food Concession	35-3022	21
Counter, Rental Clerks & Parts Salespersons	41-2020	24
Court, Municipal, and License Clerks	43-4031	25
Crush, Grind, Polish, Mix & Blending Workers	51-9020	31
Crushing, Grinding & Polishing Machine Setters	51-9021	31
Customer Service Representatives	43-4051	25
Cutting, Punching & Press Machine Setter	51-4031	30

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Data Entry and Information Processing Workers	43-9020	26
Data Entry Keyers	43-9021	26
Dental Assistants	31-9091	19
Dentists	29-1020	18
Designers	27-1020	17
Diagnostic Related Technologists & Technicians	29-2030	18
Dining Room, Cafeteria Attend. & Bartender Help	35-9011	21
Dishwashers	35-9021	21
Dispatchers	43-5030	25
Dispatchers, Except Police, Fire, and Ambulance	43-5032	25
Drafters	17-3010	12
Drafters, Engineering & Mapping Tech, All Other	17-3099	12

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Drafters, Engineering, and Mapping Technicians	17-3000	12
Drilling & Boring Machine Tool Setter, Operator	51-4032	30
Driver/Sales Workers and Truck Drivers	53-3030	32

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Earth Drillers, Except Oil and Gas	47-5021	28
Editors	27-3041	17
Education Admin, Elem & Secondary School	11-9032	9
Education Admin, Preschool & Child Care Center	11-9031	9
Education Administrators	11-9030	9
Education Administrators, Postsecondary	11-9033	9
Educational, Vocational, and School Counselors	21-1012	14
Electrical & Electronic Engineering Technicians	17-3023	12
Electrical & Electronic Equip Mechanic, Installer	49-2000	29
Electrical & Electronics Repair, Commec., Ind.	49-2094	29
Electrical Power-Line Installers and Repairers	49-9051	29
Electricians	47-2111	28
Electro-Mechanical Technicians	17-3024	12
Elementary and Middle School Teachers	25-2020	16
Elementary School Teachers, Ex. Special Ed.	25-2021	16
Emergency Medical Technicians & Paramedics	29-2041	18
Engineering & Architecture Teachers, Postsec	25-1030	16
Engineering Managers	11-9041	9
Engineering Technicians, Except Drafters	17-3020	12
Engineers	17-2000	12
Entertainers, Perform, Sports & Related Worker	27-2000	17
Entertainment Attendants and Related Workers	39-3000	23
Extraction Workers	47-5000	28
Extrude, Form, Press & Compact Machine Setter	51-9041	31
Extruding & Drawing Machine Setters, Operators	51-4021	30

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Fabric Menders, Except Garment	49-9093	29
Family and General Practitioners	29-1062	18
Farmers and Ranchers	11-9012	9
Fast Food and Counter Workers	35-3020	21
File Clerks	43-4071	25

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Financial Clerks	43-3000	25
Financial Managers	11-3031	9
Financial Specialists	13-2000	10
Financial, Information & Record Clerks, All Other	43-4999	25
Fire Fighters	33-2011	20
Fire Fighting and Prevention Workers	33-2000	20
Fishers and Related Fishing Workers	45-3010	27
Fishing and Hunting Workers	45-3000	27
Floral Designers	27-1023	17
Food and Beverage Serving Workers	35-3000	21
Food Preparation Workers	35-2021	21
Food Processing Workers	51-3000	30
Food Servers, Nonrestaurant	35-3041	21
Food Service Managers	11-9051	9
Forest, Conservation, and Logging Workers	45-4000	27
Forming Machine Setters, Operators & Tenders	51-4020	30
Funeral Service Workers	39-4000	23
Furniture Finishers	51-7021	31

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General and Operations Managers	11-1021	9
Graphic Designers	27-1024	17
Grinding and Polishing Workers, Hand	51-9022	31
Grounds Maintenance Workers	37-3000	22
Grounds Maintenance Workers	37-3010	22

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Hairdressers, Hairstylists, and Cosmetologists	39-5012	23
Health & Safety Engineers, Ex. Mining Safety	17-2111	12
Health Diagnosing and Treating Practitioners	29-1000	18
Health Diagnosing, Treating Pract. Support Tech	29-2050	18
Health Technologists and Technicians	29-2000	18
Healthcare Support Workers, All Other	31-9099	19
Heat Treating Equip Setter, Operator & Tender	51-4191	30
Heating, Air Conditioning & Refrigeration Mech	49-9021	29
Heavy Vehicle & Mobile Equipment Service Tech	49-3040	29
Helpers, Construction Trades	47-3000	28

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Helpers, Construction Trades	47-3010	28
Helpers--Carpenters	47-3012	28
Helpers--Electricians	47-3013	28
Helpers--Installation, Maintenance & Repair Work	49-9098	29
Helpers--Pipelayer, Fitter, Plumber & Steamfitter	47-3015	28
Helpers--Production Workers	51-9198	31
Highway Maintenance Workers	47-4051	28
Home Health Aides	31-1011	19
Hotel, Motel, and Resort Desk Clerks	43-4081	25
Human Res. Assist, Ex Payroll & Timekeeping	43-4161	25
Human Resources Managers	11-3040	9

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Industrial Engineering Technicians	17-3026	12
Industrial Engineers	17-2112	12
Industrial Engineers, Including Health and Safety	17-2110	12
Industrial Machinery Installation, Repair & Maint	49-9040	29
Industrial Machinery Mechanics	49-9041	29
Industrial Production Managers	11-3051	9
Industrial Truck and Tractor Operators	53-7051	32
Information and Record Clerks	43-4000	25
Inspector, Tester, Sorter, Sampler, and Weigher	51-9061	31
Install, Maintenance & Repair Workers, All Other	49-9099	29
Insurance Sales Agents	41-3021	24
Internists, General	29-1063	18
Interviewers, Except Eligibility and Loan	43-4111	25

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Janitors, Cleaners, Ex. Maids and Housekeeping	37-2011	22
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Laborers and Material Movers, Hand	53-7060	32
Laborers, Freight, Stock & Material Movers, Hand	53-7062	32
Landscaping and Groundskeeping Workers	37-3011	22
Lathe & Turning Machine Tool Setters, Operators	51-4034	30



Occupational Title	SOC Code	Page Number
Laundry and Dry-Cleaning Workers	51-6011	31
Law Clerks	23-2092	15
Law Enforcement Workers	33-3000	20
Lawyers	23-1011	15
Lawyers, Judges, and Related Workers	23-1000	15
Legal Support Workers	23-2000	15
Librarians	25-4021	16
Librarians, Curators, and Archivists	25-4000	16
Library Technicians	25-4031	16
Library, Museum, Train. & Other Ed., All Other	25-9199	16
Licensed Practical & Licensed Voc. Nurses	29-2061	18
Life Scientists	19-1000	13
Life, Physical, and Social Science Technicians	19-4000	13
Line Installers and Repairers	49-9050	29
Loan Interviewers and Clerks	43-4131	25
Loan Officers	13-2072	10
Lodging Managers	11-9081	9

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Machine Feeders and Offbearers	53-7063	32
Machine Tool Cutting Setter, Operator & Tender	51-4030	30
Machinists	51-4041	30
Maids and Housekeeping Cleaners	37-2012	22
Mail Clerks & Mail Machine Ops, Ex Postal Serv.	43-9051	26
Maintenance and Repair Workers, General	49-9042	29
Maintenance Workers, Machinery	49-9043	29
Managers, All Other	11-9199	9
Marketing and Sales Managers	11-2020	9
Massage Therapists	31-9010	19
Material Moving Workers	53-7000	32
Material Moving Workers, All Other	53-7199	32
Material Record, Schedule, Dispatch & Distribute	43-5000	25
Materials Engineers	17-2131	12
Math and Computer Teachers, Postsecondary	25-1020	16
Mathematical Scientists	15-2000	11
Mechanical Drafters	17-3013	12
Mechanical Engineering Technicians	17-3027	12
Mechanical Engineers	17-2141	12
Media and Communication Equipment Workers	27-4000	17

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Medical and Clinical Laboratory Technicians	29-2012	18
Medical and Clinical Laboratory Technologists	29-2011	18
Medical and Health Services Managers	11-9111	9
Medical and Public Health Social Workers	21-1022	14
Medical Assistants	31-9092	19
Medical Equipment Repairers	49-9062	29
Medical Records & Health Info. Technicians	29-2071	18
Medical Secretaries	43-6013	26
Medical Transcriptionists	31-9094	19
Mental Health & Substance Abuse Social Worker	21-1023	14
Metal Workers and Plastic Workers	51-4000	30
Metal Workers and Plastic Workers, All Other	51-4199	30
Meter Readers, Utilities	43-5041	25
Middle School Teachers, Ex Special & Voc. Ed.	25-2022	16
Millwrights	49-9044	29
Mining Machine Operators	47-5040	28
Misc Community and Social Service Specialists	21-1090	14
Misc Entertainment Attendants & Related Worker	39-3090	23
Misc Installation, Maintenance & Repair Workers	49-9090	29
Misc Life, Physical & Social Science Technicians	19-4090	13
Misc Social Scientists and Related Workers	19-3090	13
Misc Textile, Apparel, and Furnishings Workers	51-6090	31
Misc. Building & Grounds Cleaning & Maint. Work	37-9000	22
Misc. Counselors, Social, & Religious Workers	21-9000	14
Misc. Vehicle and Mobile Equipment Mechanics	49-3090	29
Miscellaneous Agricultural Workers	45-2090	27
Miscellaneous Assemblers and Fabricators	51-2090	30
Miscellaneous Electrical & Electronic Equipment	49-2090	29
Miscellaneous Food Processing Workers	51-3090	30
Miscellaneous Healthcare Support Occupations	31-9090	19
Miscellaneous Legal & Related Workers	23-9000	15
Miscellaneous Legal Support Workers	23-2090	15
Miscellaneous Metalworkers and Plastic Workers	51-4190	30
Miscellaneous Plant and System Operators	51-8090	31
Miscellaneous Postsecondary Teachers	25-1190	16
Miscellaneous Production Workers	51-9190	31
Miscellaneous Protective Service Workers	33-9090	20
Miscellaneous Sales and Related Workers	41-9090	24
Mixing, Blending Machine Setters, Operators	51-9023	31
Mobile Heavy Equipment Mechanics, Ex Engines	49-3042	29

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Models, Demonstrators, and Product Promoters	41-9010	24
Motor Vehicle Operators	53-3000	32
Motor Vehicle Operators, All Other	53-3099	32
Motorcycle Mechanics	49-3052	29
Multiple Machine Tool Setter, Operator & Tender	51-4081	30

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Nonfarm Animal Caretakers	39-2021	23
Nuclear Medicine Technologists	29-2033	18
Nursing Aides, Orderlies, and Attendants	31-1012	19
Nursing, Psychiatric, and Home Health Aides	31-1000	19
Nursing, Psychiatric, and Home Health Aides	31-1010	19

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Occupational & Physical Therapist Assist & Aide	31-2000	19
Occupational Therapists	29-1122	18
Office Clerks, General	43-9061	26
Operating Engineers & Other Const Equip Ops	47-2073	28
Operations Specialties Managers	11-3000	9
Order Clerks	43-4151	25
Other Construction and Related Workers	47-4000	28
Other Education, Training & Library Occupations	25-9000	16
Other Farming, Fishing, and Forestry Workers	45-9000	27
Other Food Prep. & Serving Related Workers	35-9000	21
Other Healthcare Practitioners & Technical Occs	29-9000	18
Other Healthcare Support Occupations	31-9000	19
Other Installation, Maintenance & Repair Occs	49-9000	29
Other Management Occupations	11-9000	9
Other Office & Administrative Support Workers	43-9000	26
Other Personal Care and Service Workers	39-9000	23
Other Production Occupations	51-9000	31
Other Protective Service Workers	33-9000	20
Other Sales and Related Workers	41-9000	24
Other Teachers and Instructors	25-3000	16
Other Transportation Workers	53-6000	32
Outdoor Power Equip & Other Small Engine Mech	49-3053	29

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Packaging, Filling Machine Operators & Tenders	51-9111	31
Packers and Packagers, Hand	53-7064	32
Painters, Construction and Maintenance	47-2141	28
Painting Workers	51-9120	31
Parts Salespersons	41-2022	24
Paving, Surfacing & Tamping Equip Operators	47-2071	28
Payroll and Timekeeping Clerks	43-3051	25
Personal Appearance Workers	39-5000	23
Personal Care and Service Workers, All Other	39-9099	
Pharmacists	29-1051	18
Pharmacy Aides	31-9095	19
Pharmacy Technicians	29-2052	18
Photographers	27-4021	17
Physical Scientists	19-2000	13
Physical Scientists, All Other	19-2099	13
Physical Therapist Assistants	31-2021	19
Physical Therapist Assistants and Aides	31-2020	19
Physical Therapists	29-1123	18
Physicians and Surgeons	29-1060	18
Pipelayers, Plumbers, Pipefitters & Steamfitters	47-2150	28
Plant and System Operators	51-8000	31
Plumbers, Pipefitters, and Steamfitters	47-2152	28
Podiatrists	29-1081	18
Police and Sheriff's Patrol Officers	33-3051	20
Police, Fire, and Ambulance Dispatchers	43-5031	25
Postal Service Clerks	43-5051	25
Postal Service Mail Carriers	43-5052	25
Postal Service Mail Sorters, Processors	43-5053	25
Postal Service Workers	43-5050	25
Postmasters and Mail Superintendents	11-9131	9
Postsecondary Teachers	25-1000	16
Power Plant Operator, Distributor & Dispatcher	51-8010	31
Precision Instrument and Equipment Repairers	49-9060	29
Preschool and Kindergarten Teachers	25-2010	16
Preschool Teachers, Except Special Education	25-2011	16
Primary, Secondary & Special Ed. Teachers	25-2000	16
Printers	51-5020	30

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Printing Machine Operators	51-5023	30
Printing Workers	51-5000	30
Procurement Clerks	43-3061	25
Production Workers, All Other	51-9199	31
Production, Planning, and Expediting Clerks	43-5061	25
Property, Real Estate & Community Assn Manag.	11-9141	9
Protective Service Workers, All Other	33-9099	20
Public Relations Managers	11-2031	9
Purchasing Agents, Ex Wholesale, Retail	13-1023	10
Purchasing Managers	11-3061	9

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Radiologic Technologists and Technicians	29-2034	18
Rail Transportation Workers	53-4000	32
Railroad Brake, Signal, and Switch Operators	53-4021	32
Railroad Conductors and Yardmasters	53-4031	32
Rail-Track Laying & Maintenance Equip Operator	47-4061	28
Real Estate Brokers and Sales Agents	41-9020	24
Real Estate Sales Agents	41-9022	24
Receptionists and Information Clerks	43-4171	25
Recreation and Fitness Workers	39-9030	23
Recreation Workers	39-9032	23
Refuse and Recyclable Material Collectors	53-7081	32
Registered Nurses	29-1111	18
Rehabilitation Counselors	21-1015	14
Reinforcing Iron and Rebar Workers	47-2171	28
Religious Workers	21-2000	14
Reserv., Transp. Ticket Agent & Travel Clerk	43-4181	25
Respiratory Therapists	29-1126	18
Respiratory Therapy Technicians	29-2054	18
Retail Sales Workers	41-2000	24
Retail Salespersons	41-2031	24

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Sales and Related Workers, All Other	41-9099	24
Sales Managers	11-2022	9
Sales Representatives, Services	41-3000	24

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Sales Reps, Wholesale & Manuf, Ex. Technical	41-4012	24
Sales Reps, Wholesale & Manuf, Technical	41-4010	24
Sales Reps, Wholesale and Manufacturing	41-4000	24
Sec. School Teachers, Ex. Special & Voc. Ed.	25-2031	16
Secondary School Teachers	25-2030	16
Secretaries and Administrative Assistants	43-6000	26
Secretaries and Administrative Assistants	43-6010	26
Secretaries, Except Legal, Medical, and Executive	43-6014	26
Security Guards	33-9032	20
Self-Enrichment Education Teachers	25-3021	16
Service Station Attendants	53-6031	32
Set and Exhibit Designers	27-1027	17
Sewing Machine Operators	51-6031	31
Sheet Metal Workers	47-2211	28
Shipping, Receiving, and Traffic Clerks	43-5071	25
Signal and Track Switch Repairers	49-9097	29
Small Engine Mechanics	49-3050	29
Social and Human Service Assistants	21-1093	14
Social Scientists and Related Workers	19-3000	13
Social Workers	21-1020	14
Special Ed. Teachers, Preschool to Elementary	25-2041	16
Special Education Teachers	25-2040	16
Special Education Teachers, Middle School	25-2042	16
Special Education Teachers, Secondary School	25-2043	16
Speech-Language Pathologists	29-1127	18
Stock Clerks and Order Fillers	43-5081	25
Structural Metal Fabricators and Fitters	51-2041	30
Supervisor of Housekeeping and Janitors	37-1011	22
Supervisors of Fire Fighting and Prevention	33-1021	20
Supervisors of Food Preparation and Serving	35-1012	21
Supervisors of Helpers, Laborers & Material Move	53-1021	32
Supervisors of Installation, Maint & Repair Work	49-1000	29
Supervisors of Landscaping, Lawn Service	37-1012	22
Supervisors of Mechanics, Installers	49-1011	29
Supervisors of Non-Retail Sales Workers	41-1012	24
Supervisors of Personal Service Workers	39-1021	23
Supervisors of Police and Detectives	33-1012	20
Supervisors of Production and Operating	51-1011	30
Supervisors of Transportation & Material Moving	53-1031	32
Supervisors, Build, Grounds Clean. & Maint.	37-1000	22

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Supervisors, Building and Grounds Cleaning	37-1010	22
Supervisors, Construction & Extraction Workers	47-1000	28
Supervisors, Farm, Fish & Forestry Workers	45-1000	27
Supervisors, Food Prep. & Serving Workers	35-1000	21
Supervisors, Food Preparation and Serving	35-1010	21
Supervisors, Law Enforcement Workers	33-1010	20
Supervisors, Office & Admin. Support Workers	43-1000	25
Supervisors, Personal Care & Service Workers	39-1000	23
Supervisors, Production Workers	51-1000	30
Supervisors, Protective Service Workers	33-1000	20
Supervisors, Sales Workers	41-1000	24
Supervisors, Transp. & Material Moving Workers	53-1000	32
Supervisors/Managers of Construction Trades	47-1011	28
Supervisors/Managers of Retail Sales Workers	41-1011	24
Supervisors/Managers, Sales Workers	41-1010	24
Surgical Technologists	29-2055	18
Surveyors, Cartographers & Photogrammetrists	17-1020	12
Switchboard Operators, Inc. Answering Service	43-2011	25

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Teacher Assistants	25-9041	16
Teachers, Primary, Secondary & Adult, All Other	25-3999	16
Team Assemblers	51-2092	30
Technical Writers	27-3042	17
Telecommunications Line Installers & Repairers	49-9052	29
Telemarketers	41-9041	24
Tellers	43-3071	25
Textile, Apparel & Furnishings Workers, All Other	51-6099	31
Textile, Apparel, and Furnishings Workers	51-6000	31
Therapists	29-1120	18
Tire Repairers and Changers	49-3093	29
Title Examiners, Abstractors, and Searchers	23-2093	15
Tool and Die Makers	51-4111	30
Tool Grinders, Filers, and Sharpeners	51-4194	30
Top Executives	11-1000	9
Transportation, Storage & Distribution Managers	11-3071	9
Transportation, Tourism, and Lodging Attendants	39-6000	23
Travel Agents	41-3041	24
Truck Drivers, Heavy and Tractor-Trailer	53-3032	32
Truck Drivers, Light or Delivery Services	53-3033	32
TV, Video & Motion Picture Camera Operators	27-4030	17

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Urban and Regional Planners	19-3051	13
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Vehicle & Mobile Equipment Mechanics, Install	49-3000	29
Veterinarians	29-1131	18
Vocational Education Teachers, Postsecondary	25-1194	16

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Waiters and Waitresses	35-3031	21
Water Transportation Workers	53-5000	32
Water, Liquid Waste Treat. Plant & System Ops	51-8031	31
Weigh, Measure, Check & Sample, Recordkeep.	43-5111	25
Welders, Cutters, Solderers, and Brazers	51-4121	30
Welding, Soldering & Brazing Machine Setters	51-4122	30
Welding, Soldering, and Brazing Workers	51-4120	30
Wholesale & Retail Buyers, Ex Farm Products	13-1022	10
Woodworkers	51-7000	31
Woodworking Machine Setter, Operator & Tender	51-7040	31
Woodworking Machine Setter, Operatos & Tender	51-7042	31
Word Processors and Typists	43-9022	26
Writers and Authors	27-3043	17
Writers and Editors	27-3040	17